



# **AVRASYA**

## **Building Materials**

[www.avrasyaexport.com](http://www.avrasyaexport.com)

# TECHNICAL PRODUCTS

## VALVE GROUP



● Pressure-Sealed Globe Valve



● Gate Valve



● Knife Gate Valve



● Ball Valve



● Butterfly Valve (Wafer Type)



● Butterfly Valve (Lug Type)



● Strainers



● Dual-Plate Check Valve



● Lift Check Valve



● Disc Check Valve



● Static Balancing Valve



● Dynamic Balancing Valve



● Motorized Valve



● Combined Balancing Valve



● Steam Solenoid Valve

Valve systems play a critical role in controlling water, gas, and steam. Our catalog features a wide selection of valves tailored to diverse applications and requirements. Ball water valves are available in any desired diameter. Natural gas valves are manufactured to comply with standards for both indoor and outdoor use. Steam valves, essential for industrial and construction sectors, are supplied in accordance with international standards.

# TECHNICAL PRODUCTS

## FIRE SAFETY SYSTEMS

Fire safety plays a critical role in protecting both living spaces and workplaces. Our company offers a wide range of effective and reliable fire safety solutions. Each of our products is designed in compliance with fire safety standards, aiming to maximize your safety and the efficiency of your system.



● Rising Stem Gate Valve



● Fire Booster Pump



● Flow Meter



● Supervisory Butterfly Valve



● Horizontal Indicators



● Vertical Indicators



● Fire Department Connection



● Relief Valve



● Pressure-Reducing Valve



● Alarm Valve System



● Threaded Mechanical Tee



● Couplings



● Fire Hydrants



● Fire Sprinklers



● Fire Compensators



● Fire Cabinets

Our professional team is always here to provide solutions tailored to your needs and to maximize your safety.

# TECHNICAL PRODUCTS



● Burner



● Floor-Type Boiler



● Booster Pump



● Circulation Pump



● Wall-Mounted Condensing (Boiler)



● Expansion Tank



● Dirt Separator



● Water Heater (Boiler)



● Frequency-Controlled Booster Pump

# TECHNICAL PRODUCTS

## SUPPORT ELEMENTS



● Perforated Material



● Threaded Rod (Tie Rod)



● U-Bolt



● Triple Screw Clamps



● NPU Profile



● Ventilation Clamp



● Sprinkler (Pear-Shaped) Clamps



● Heavy-Duty Clamp



● Nutted Clamps



● Nut



● Bolt



● Washer



● Anchor (Dowel)



● Drill Bit



● Liquid Gasket



● Silicone



● Polyurethane Foam



● Rothenberger Oil



● Work Gloves



● Mask Lens



● Linen (Flax)

# ASSEMBLY AND FINISHING PRODUCTS



● Water Heater (Boiler)



● Air Conditioner



● Thermosiphon



● Air Damper



● Grille



● Anemostat



● A-Panel



● Panel Radiator



● Towel Radiator



● Galvanized Modular Water Tank



● Plastic Water Tank



● GRP Water Tank

Water tanks play a critical role in the management of water resources. Especially in cases of water interruption or increased demand, they provide a reliable water source. Water storage systems ensure the regular distribution of water and prevent wastage, contributing to meeting environmental and humanitarian needs by ensuring the continuous availability of water in large-scale projects and emergency scenarios.

# ASSEMBLY AND FINISHING PRODUCTS

We offer a variety of assembly and finishing products designed to make your daily life more comfortable and functional. Our products ensure the clean and seamless operation of your plumbing systems, while their modern designs and ergonomic structures offer both elegance and comfort. At the same time, with user-friendly features and high-quality materials, they aim to provide long-lasting performance and make your living spaces more functional and comfortable.



● Wall-Hung Toilet



● Floor-Mounted Toilet



● Disabled Toilet



● Hilton Sink



● Pedestal Sink



● Shower Set



● Bathroom Faucet



● Sink Faucet



● Sink Faucet



● Concealed Wall-Mounted Cistern



● Disabled Toilet Grab Bar



● Disabled Shower Seat



● Sink Trap



● Floor Drain



● Sink

# UNDERFLOOR HEATING SYSTEMS

Underfloor heating systems are an effective method of heating used to provide comfortable heat distribution in indoor spaces. These systems deliver warmth through pipe or cable networks placed under the floor. There are two main types: water-based systems and electric systems. In water-based systems, hot water circulates through the pipes under the floor, while in electric systems, electric heating cables are used. This system ensures even heat distribution throughout the floor, providing a more homogeneous temperature, which results in energy savings and lower energy costs.



● Collector Cabinet



● Spiral Pipe



● Dowelled Floor Fixing (Fishbone)



● Corner Adjustment



● Self-Valved Collector



● Flow Indicator Collector



● Underfloor Heating Insulation



● Thermocouple Ball Valve



● Underfloor Heating Thermostat



● Collector Clamp



● Connector



● M Bus Ultrasonic Calorimeter

The underfloor heating products we supply support the efficient and long-lasting operation of underfloor heating systems, providing both energy savings and improved overall system performance.

# BRASS GROUP



● Brass Globe Valve



● Brass Butterfly Valve with Handle



● Brass Isolation Neck Valve



● Brass Spring-Loaded Check Valve



● Brass Y-Type Strainer



● Automatic Purger



● Lift Check Valve with Ball



● Silent Vertical Check Valve



● Strainer



● Brass Flap Valve



● Brass Straight Coupling



● Brass Nipple



● Brass Reducer



● Brass Plug



● Brass Elbow

# PLUMBING GROUP



● PPR-C Pipe



● PVC Pipe



● Manhole



● Composite Pipe



● Black Pipe



● Galvanized Pipe



● Painted Pipe



● Elbows



● Triplex Pipe



● Equal Tee



● Aluminum Foil Insulated Pipe



● Insulated Pipe Sleeve

PVC-PPRC-IRON pipe systems and their fittings are critical components in modern construction projects. These products form the fundamental elements of water supply systems, offering longevity, flexibility, and economic efficiency. They stand out for their high heat resistance and chemical durability. These pipes are commonly preferred in water and heating systems due to their stainless and corrosion-resistant properties.

## ADDITIONAL FITINGS



● Black Unequal Cross



● 1" Galvanized Conical Coupling



● Galvanized Malleable Iron Coupling



● Black Unequal Coupling



● Galvanized Plug with Internal Threaded Cap



● Galvanized Plug with External Threaded Cap



● Black Elbow



● Galvanized Tee



● Galvanized Tee



● Galvanized Nipple



● Galvanized Unequal Cross



● Tapered Nipple with Tail



● Black Nipple

High-quality black and galvanized pipe fittings, made of tempered cast iron, are designed according to the TS EN 10242 design symbol "a" standard. These products undergo strict quality control processes to ensure durability and long-lasting use. With excellent sealing properties, these elbow fittings are ideal for directing and connecting pipes. Suitable for both industrial and domestic use, these fittings offer superior resistance to rust and corrosion. Our black elbow fittings are easy to install and enhance the efficiency and safety of your pipe systems.

# ADDITIONAL FITTINGS



● Flat Flange



● Weld Neck Flange



● Blind Flange



● Seamless Patent Elbow



● Patent Tee



● Original Patent Coupling



● Reducer



● Cap



● Threaded Pipe Piece



● Air Tube



● Sediment and Debris Separator



● Air Separator

# FLEX GROUP



● Gas Connection Flexes



● Toilet Connection Flex



● Water Connection Flexes



● Stove Connection Flexes



● Insulated Fan Coil Flexes



● Bare Fan Coil Flexes



● Box (Regulator) Flexes



● Burner Connection Flexes



● Cascade Gas Connection Flex



● Compensator Connection



● Meter Connection Flex



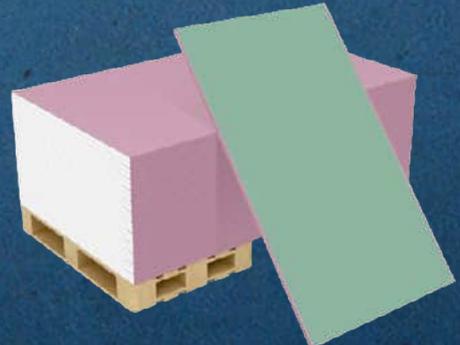
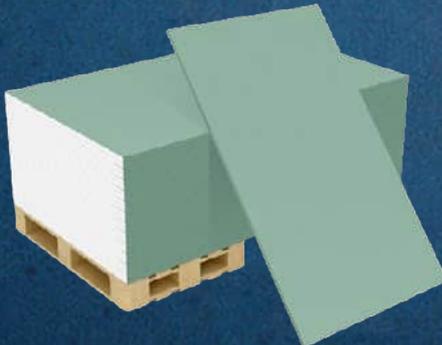
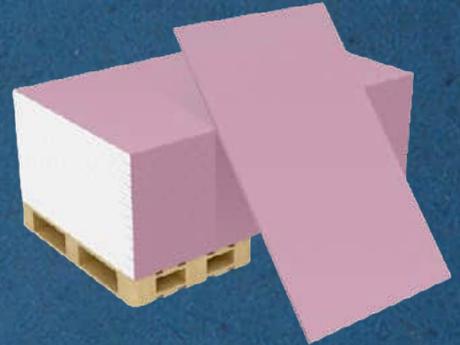
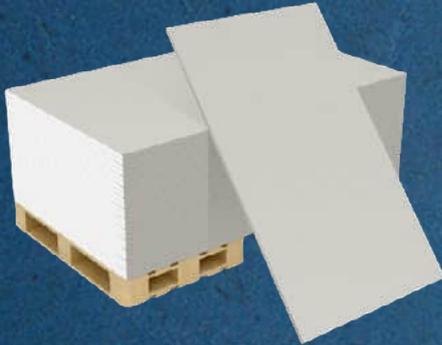
● V-Flex Connector

# EPD

## Environmental Product Declaration

In accordance with ISO 14025 and EN 15804:2012+A2:2019

# Gypsum Based Plasterboard



**S-P Code**  
S-P-03421

**Programme**  
EPD Turkey

**Publication Date**  
15.04.2021

**Validity Date**  
14.04.2026

# About the Product

Gypsum is a construction material, being provided with superheating of gypsum  $\text{CaSO}_4+2\text{H}_2\text{O}$  and evaporating of its water and grinding. When it is mixed with water, gypsum gains bounding property again. Gypsum plaster is used to make plaster boards, fibrous plaster, building decorations and moulds for many applications.

In gypsum manufacturing, production starts with the transport of raw materials to the production plant. The gypsum is then heated to remove 75% of its crystal water, resulting in the formation of stucco. Dry plaster powder is then mixed with additives. The final product is sold as bagged or bulk gypsum. The finished product can be cast in moulds, extruded, applied as a thick slurry to a surface or laminated between paper boards.

Gips Geliştirilmiş İnşaat Malzemeleri Tic. A.Ş. manufactures various gypsum based plasters to required specifications for different applications in Mersin and Ankara plants.

Plasterboard manufactured by the Company are used mainly as first level plaster applied to surfaces like concrete, gas concrete, brick etc. with machine or by hand.

The CPC Code of plasterboards is 37410.

*Average composition of gypsum based plasterboards*

Raw Materials	Composition, %
Gypsum	90- 95
Paper	3.0-7.0
Glassfiber	0-1.0
Additives	0-1.0

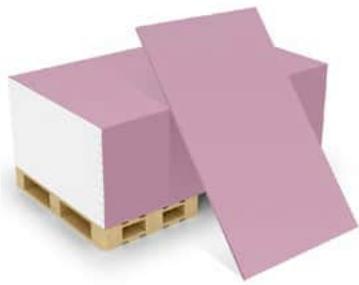




### Standard Plasterboard

High quality standard plasterboard is a smooth surfaced and lightweighted board. It can be used for ceilings, wall linings and partitions. Both sides of the plasterboard are covered with grey coloured special board which provides flexibility and high strength.

**Usage Area:** Ceiling, wall linings and partitions, drywall installation.



### Moisture and Water Resistant Plasterboard

High quality EKOPAN W Moisture and Water Resistant Plasterboard is a smooth surfaced and lightweighted. It's application is suitable for wet and humid areas etc. Also the plasterboard is water repellent. Both sides of the plasterboard are covered with green coloured special board which provides flexibility and high strength.

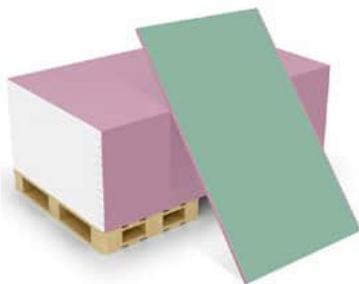
**Usage Area:** Ceiling, wall linings and partitions, drywall installation, wet areas, shaft walls.



### Fire Resistant Plasterboard

EKOPAN F High Quality Fire Resistant Plasterboard is a glass fibre reinforced, smooth surfaced and lightweighted board. It can be used for ceilings, wall linings and partitions. Both sides of the plasterboard are covered with red coloured a special board which provides flexibility and high strength.

**Usage Area:** Ceiling, wall linings and partitions, drywall installation, shaft walls and steel structures.



### Fire and Water Resistant Plasterboard

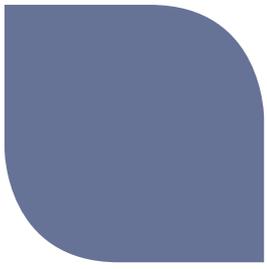
EKOPAN W&F High Quality Fire and Water Resistant Plasterboard is a fire and fire repellent additived, smooth surfaced and lightweighted. It's application is suitable for steel structures, wet areas and wall lining and partitions etc. Both sides of the plasterboard are covered with green and red coloured a special board which provides flexibility and high strength.

**Usage Area:** Ceiling, wall linings and partition, drywall installation, wet areas, shaft walls and steel structures.

## Technical Specifications

	Unit	Standard	Moisture and Water Resistant	Fire Resistant	Fire and Water Resistant
Directive	-	305/2011/AB	305/2011/AB	305/2011/AB	305/2011/AB
Appearance	-	Solid	Solid	Solid	Solid
Colour	-	Grey	Green	Red	Red Green
Reaction to Fire	-	A2-s1,d0	A2-s1,d0	A2-s1,d0	A2-s1,d0
Radius of Curvature	mm	r ≥ 2000	r ≥ 2000	r ≥ 2000	r ≥ 2000
Wet Radius of Curvature	mm	r ≥ 500	r ≥ 500	r ≥ 500	r ≥ 500
Flexural Strength- Perpendicular to Liner Paper Fibers	N	≥550	≥550	≥550	≥550
Flexural Strength - Parallel to Linear Paper Fibers)	N	≥210	≥210	≥210	≥210
Weight	kg/m <sup>2</sup>	≈6.5 kg	≈7.8 kg	≈9.8 kg	≈9.8 kg
Water Vapour Diffusion Resistance (dry )	μ	4	4	-	-
Water Vapour Diffusion Resistance (wet )	μ	10	10	-	-

Note: Technical specifications are given for a thickness of 12.5 mm. For the latest and different thickness plasterboard TDS (Technical Data Sheet), please contact Gips.



# LCA Information

<b>Declared Unit</b>	1 m <sup>2</sup> of Gypsum Based Plasterboard (12.5 mm)
<b>Time Representativeness</b>	2020
<b>Database(s) and LCA Software Used</b>	Ecoinvent 3.6, SimaPro 9.1

The inventory for the LCA study is based on the 2020 production figures for Gips Gypsum Based Plasterboards. Background data as recipe of products, transportation, manufacturing details etc are taken from Gips production plants in Ankara/Turkey and Mersin/Turkey.

This EPD's system boundary is cradle to gate. The system boundary covers product stages (A1-A3), end of life stages (C1-C4) and benefits and loads stage (D).

Product Stage			Construction Process Stage		Use Stage							End of Life Stage				Benefits and Loads
Raw Material Supply	Transport	Manufacturing	Transport	Construction Installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational Energy Use	Operational Water Use	Deconstruction, demolition	Transport	Waste Processing	Disposal	Future reuse, recycling or energy recovery potentials
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	ND	ND	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X

X = Included in LCA, ND = Not Declared

## System Boundary Description

### A1: Raw Material Supply

Gips's productions start from gypsum. The company supplies its raw materials necessary from suitable suppliers. Raw material supply includes raw material extraction/preparation and pre-treatment processes before production. Production for each product starts with mainly locally sourced but some transported from other parts of the world.

### A2: Transportation

Transport is relevant for delivery of raw materials and other materials to the plant and the transport of materials within the plant. Transport of raw materials to production sites is taken as the weight average values for transport from raw materials supplier in 2020.

### A3 : Manufacturing

Manufacturing includes stucco preparation, followed by expanded perlite and calcite preparation for production. The mixture is then mixed with the additives. The mixture then cast into moulds surface between paper boards. Solidified plasterboard is then trimmed and packaged. Electric energy, natural gas and diesel for generators are consumed during the manufacturing.

### C1 : De-Construction/Demolition

This stage includes the deconstruction of surface applied gypsum based plasterboard in the construction site. This process can be made with human power or any machine as drill. For deconstruction of 1 kg applied gypsum based plasterboard, 0.1 kWh electricity consumption is assumed.

### C2 : Waste Transport

This stage includes the transportation of the discarded plasterboards to final disposal. Average distance from deconstruction site to waste processing site for final disposal is assumed to be 100 km.

### C3 : Waste Processing

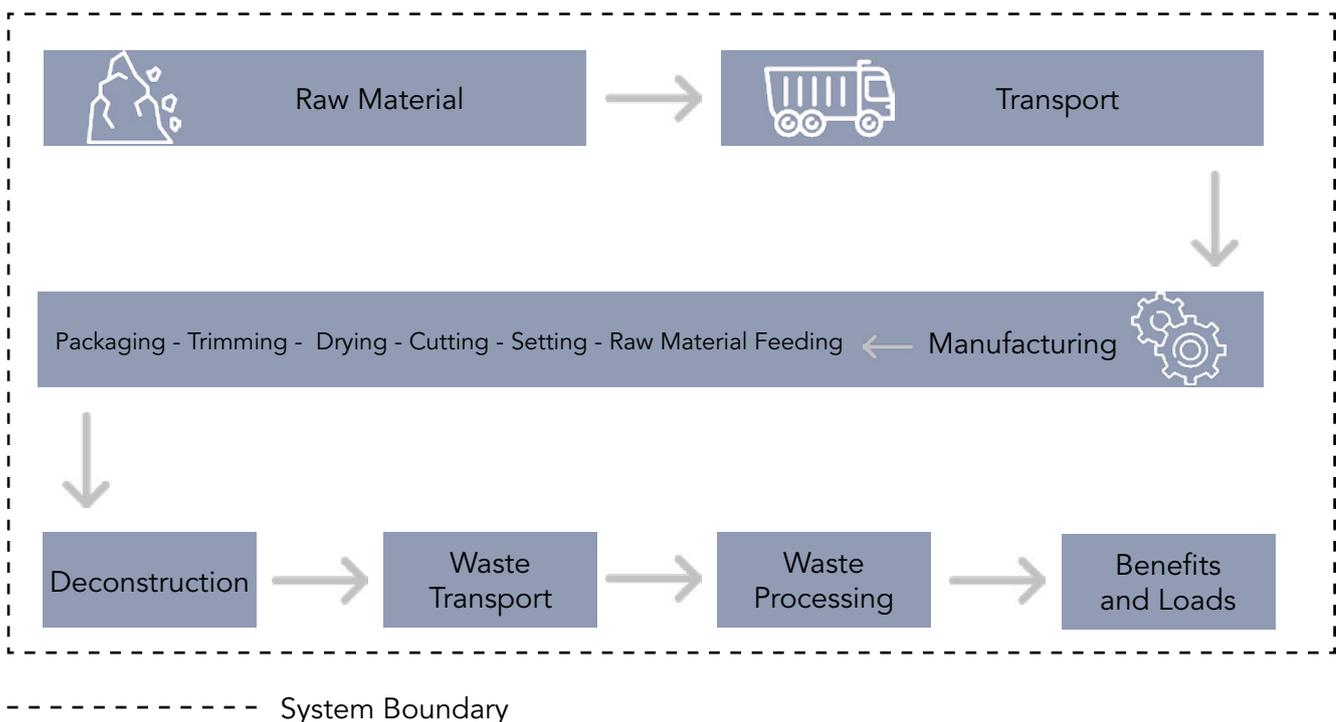
If the wastes are going to landfill , there is no need for any waste process.

### C4 : Disposal

Since gypsum-based plasterboards cannot be physically separated from the applied surface, they go to the inert waste site with the applied surface or part. For this reason, 100% landfill scenario has been asumed.

### D : Benefits and Loads

There is no benefit impact as all wastes go to the inert landfill.



## More Information

### Allocations

Water consumption, energy consumption and raw material transportation were weighted according to 2020 production figures.

In addition, hazardous and non-hazardous waste amounts were also allocated from the 2020 total waste generation.

### Cut-Off Criteria

%1 cut-off applied. Data for elementary flows to and from the product system contributing to a minimum of 99% of the declared environmental impacts have been included.

### REACH Regulation

No substances included in the Candidate List of Substances of Very High Concern for authorization under the REACH regulations are present in this product either above the threshold for registration with the European Chemicals Agency or above 0.1 % (wt/wt).

### LCA Modelling, Calculation and Data Quality

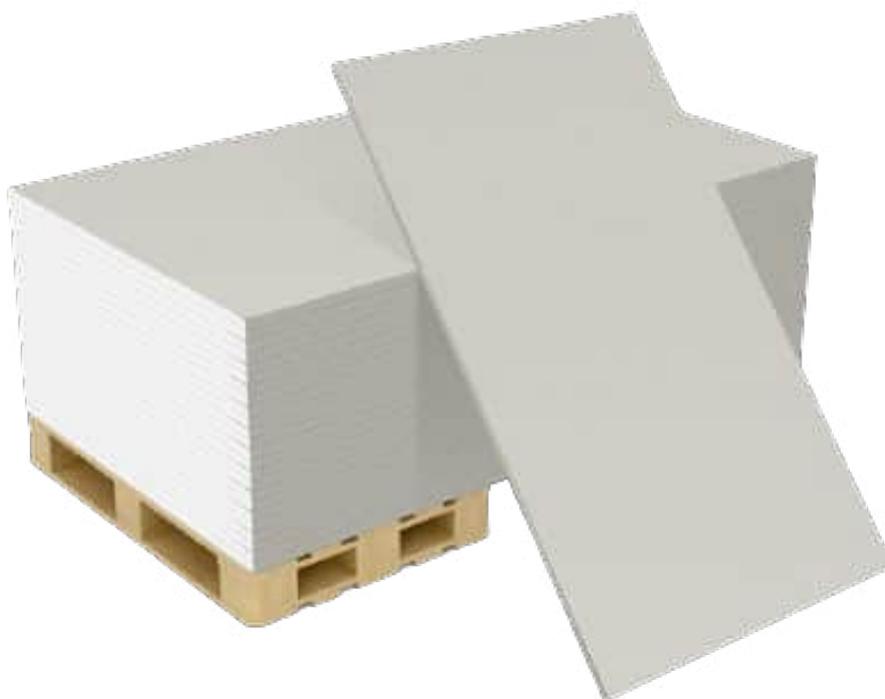
The results of the LCA with the indicators as per EPD requirement are given in the LCA result tables. All energy calculations were obtained using Cumulative Energy Demand (LHV) methodology, while fresh water use is calculated with selected inventory flows in SimaPro according to the PCR.

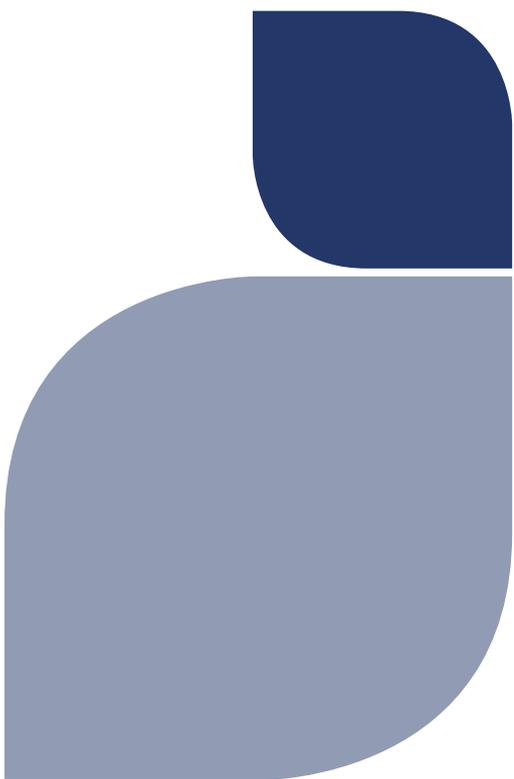
There are no co-product allocations within the LCA study underlying this EPD.

The SimaPro 9.1 LCA software and the Ecoinvent 3.6 LCA database were used to calculate the environmental impacts. The regional energy datasets were used for all energy calculations.

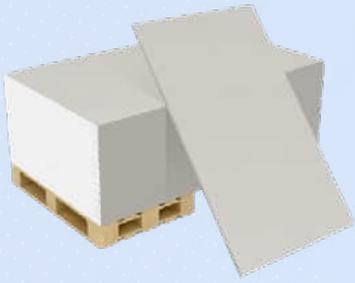
### Geographical Scope

The geographical scope of this EPD is global.





**LCA  
Results**

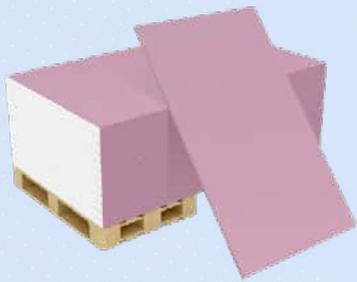


# LCA Results of Standard Plasterboard

Environmental Impacts for 1 m <sup>2</sup> Standard Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
GWP- Fossil	kg CO <sub>2</sub> eq	1.11	0.383	0.059	0	0.367	0
GWP- Biogenic	kg CO <sub>2</sub> eq	-517E-3	3.49E-3	42.9E-6	0	-519E-3	0
GWP- Luluc	kg CO <sub>2</sub> eq	5.42E-3	3.65E-3	17.2E-6	0	3.55E-3	0
GWP- Total	kg CO <sub>2</sub> eq	598E-3	390E-3	59.1E-3	0	-149E-3	0
ODP	kg CFC-11 eq	142E-9	10.8E-9	13.9E-9	0	61.3E-9	0
AP	mol H+ eq	0.005	0.003	248E-6	0	3.11E-3	0
EP- Freshwater	kg PO <sub>4</sub> eq	437E-6	404E-6	4.18E-6	0	226E-6	0
EP- Marine	kg N eq	1.15E-3	409E-6	75.4E-6	0	838E-6	0
EP- Terrestrial	mol N eq	0.012	0.004	0.001	0	9.05E-3	0
POCP	kg NMVOC	3.27E-3	1.01E-3	266E-6	0	2.33E-3	0
ADPE	kg Sb eq	5.85E-6	922E-9	1.01E-6	0	4.58E-6	0
ADPF	MJ	17.0	4.21	0.919	0	6.43	0
WDP	m <sup>3</sup> depriv.	0.888	0.179	0.003	0	819E-3	0
PM	disease inc.	67.0E-9	10.7E-9	5.34E-9	0	61.0E-9	0
IR	kBq U-235 eq	0.104	0.006	0.005	0	0.097	0
ETP- FW	CTUe	52.5	3.68	0.732	0	50.0	0
HTTP- C	CTUh	352E-12	67.6E-12	18.0E-12	0	276E-12	0
HTTP- NC	CTUh	12.9E-9	3.26E-9	834E-12	0	10.3E-9	0
SQP	Pt	83.4	0.242	1.05	0	84.3	0
Acronyms	GWP-total: Climate change, GWP-fossil: Climate change- fossil, GWP-biogenic: Climate change- biogenic, GWP-luluc: Climate change- land use and transformation, ODP: Ozone layer depletion, AP: Acidification terrestrial and freshwater, EP-freshwater: Eutrophication freshwater, EP-marine: Eutrophication marine, EP-terrestrial: Eutrophication terrestrial, POCP: Photochemical oxidation, ADPE: Abiotic depletion- elements, ADPF: Abiotic depletion- fossil resources, WDP: Water scarcity, PM: Respiratory inorganics- particulate matter, IR: Ionising radiation, ETP-FW: Ecotoxicity freshwater, HTP-c: Cancer human health effects, HTP-nc: Non-cancer human health effects, SQP: Land use related impacts, soil quality.						
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, C1: Deconstruction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads.						

Resource Use for 1 m <sup>2</sup> Standard Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
PERE	MJ	15.2	1.01	0.01	0	14.7	0
PERM	MJ	0	0	0	0	0	0
PERT	MJ	15.2	1.01	0.01	0	14.7	0
PENRE	MJ	17.0	4.21	0.92	0	6.43	0
PENRM	MJ	0	0	0	0	0	0
PENRT	MJ	17.0	4.21	0.92	0	6.43	0
SM	kg	0	0	0	0	0	0
RSF	MJ	0	0	0	0	0	0
NRSF	MJ	0	0	0	0	0	0
FW	m <sup>3</sup>	0.014	1.60E-3	191E-6	0	13.5E-3	0

Waste & Output Flows for 1 m <sup>2</sup> Standard Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
HWD	kg	4.22E-6	0	0	0	0	0
NHWD	kg	16.8E-6	0	0	0	0	0
RWD	MJ	0	0	0	0	0	0
CRU	MJ	0	0	0	0	0	0
MFR	MJ	0	0	0	0	0	0
MER	MJ	0	0	0	0	0	0
EE (Electrical)	kg	0	0	0	0	0	0
EE (Thermal)	MJ	0	0	0	0	0	0
Acronyms	PERE: Use of renewable primary energy excluding resources used as raw materials, PERM: Use of renewable primary energy resources used as raw materials, PERT: Total use of renewable primary energy, PENRE: Use of non-renewable primary energy excluding resources used as raw materials, PENRM: Use of non-renewable primary energy resources used as raw materials, PENRT: Total use of non-renewable primary energy, SM: Secondary material, RSF: Renewable secondary fuels, NRSF: Non-renewable secondary fuels, FW: Net use of fresh water, HWD: Hazardous waste disposed, NHWD: Non-hazardous waste disposed, RWD: Radioactive waste disposed, CRU: Components for reuse, MFR: Material for recycling, MER: Materials for energy recovery, EE (Electrical): Exported energy electrical, EE (Thermal): Exported energy, Thermal.						
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, C1: Deconstruction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads.						

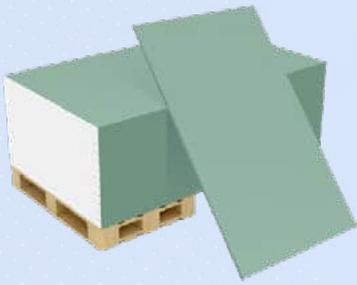


# LCA Results of Moisture and Water Resistant Plasterboard

Environmental Impacts for 1 m <sup>2</sup> Moisture and Water Resistant Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
GWP- Fossil	kg CO <sub>2</sub> eq	1.12	0.383	0.059	0	0.375	0
GWP- Biogenic	kg CO <sub>2</sub> eq	-520E-3	3.49E-3	42.9E-6	0	-522E-3	0
GWP- Luluc	kg CO <sub>2</sub> eq	7.56E-3	3.65E-3	17.2E-6	0	5.69E-3	0
GWP- Total	kg CO <sub>2</sub> eq	605E-3	390E-3	59.1E-3	0	-141E-3	0
ODP	kg CFC-11 eq	143E-9	10.8E-9	13.9E-9	0	61.8E-9	0
AP	mol H+ eq	0.005	0.003	248E-6	0	3.16E-3	0
EP- Freshwater	kg PO <sub>4</sub> eq	439E-6	404E-6	4.18E-6	0	228E-6	0
EP- Marine	kg N eq	1.18E-3	409E-6	75.4E-6	0	868E-6	0
EP- Terrestrial	mol N eq	0.012	0.004	0.001	0	9.19E-3	0
POCP	kg NMVOC	3.31E-3	1.01E-3	266E-6	0	2.37E-3	0
ADPE	kg Sb eq	6.14E-6	922E-9	1.01E-6	0	4.87E-6	0
ADPF	MJ	17.2	4.21	0.919	0	6.57	0
WDP	m <sup>3</sup> depriv.	0.898	0.179	0.003	0	830E-3	0
PM	disease inc.	67.5E-9	10.7E-9	5.34E-9	0	61.5E-9	0
IR	kBq U-235 eq	0.105	0.006	0.005	0	0.097	0
ETP- FW	CTUe	52.7	3.68	0.732	0	50.3	0
HTTP- C	CTUh	367E-12	67.6E-12	18.0E-12	0	291E-12	0
HTTP- NC	CTUh	13.0E-9	3.26E-9	834E-12	0	10.5E-9	0
SQP	Pt	83.7	0.242	1.05	0	84.6	0
Acronyms	GWP-total: Climate change, GWP-fossil: Climate change- fossil, GWP-biogenic: Climate change- biogenic, GWP-luluc: Climate change- land use and transformation, ODP: Ozone layer depletion, AP: Acidification terrestrial and freshwater, EP-freshwater: Eutrophication freshwater, EP-marine: Eutrophication marine, EP-terrestrial: Eutrophication terrestrial, POCP: Photochemical oxidation, ADPE: Abiotic depletion - elements, ADPF: Abiotic depletion - fossil resources, WDP: Water scarcity, PM: Respiratory inorganics- particulate matter, IR: Ionising radiation, ETP-FW: Ecotoxicity freshwater, HTP-c: Cancer human health effects, HTP-nc: Non-cancer human health effects, SQP: Land use related impacts, soil quality.						
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, C1: Deconstruction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads.						

Resource Use for 1 m <sup>2</sup> Moisture and Water Resistant Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
PERE	MJ	15.2	1.01	0.01	0	14.7	0
PERM	MJ	0	0	0	0	0	0
PERT	MJ	15.2	1.01	0.01	0	14.7	0
PENRE	MJ	17.2	4.21	0.92	0	6.58	0
PENRM	MJ	0	0	0	0	0	0
PENRT	MJ	17.2	4.21	0.92	0	6.58	0
SM	kg	0	0	0	0		0
RSF	MJ	0	0	0	0	0	0
NRSF	MJ	0	0	0	0	0	0
FW	m <sup>3</sup>	0.015	1.60E-3	191E-6	0	14.2E-3	0

Waste & Output Flows for 1 m <sup>2</sup> Moisture and Water Resistant Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
HWD	kg	4.22E-6	0	0	0	0	0
NHWD	kg	16.8E-6	0	0	0	0	0
RWD	MJ	0	0	0	0	0	0
CRU	MJ	0	0	0	0	0	0
MFR	MJ	0	0	0	0	0	0
MER	MJ	0	0	0	0	0	0
EE (Electrical)	kg	0	0	0	0	0	0
EE (Thermal)	MJ	0	0	0	0	0	0
Acronyms	PERE: Use of renewable primary energy excluding resources used as raw materials, PERM: Use of renewable primary energy resources used as raw materials, PERT: Total use of renewable primary energy, PENRE: Use of non-renewable primary energy excluding resources used as raw materials, PENRM: Use of non-renewable primary energy resources used as raw materials, PENRT: Total use of non-renewable primary energy, SM: Secondary material, RSF: Renewable secondary fuels, NRSF: Non-renewable secondary fuels, FW: Net use of fresh water, HWD: Hazardous waste disposed, NHWD: Non-hazardous waste disposed, RWD: Radioactive waste disposed, CRU: Components for reuse, MFR: Material for recycling, MER: Materials for energy recovery, EE (Electrical): Exported energy electrical, EE (Thermal): Exported energy, Thermal.						
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, C1: Deconstruction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads.						

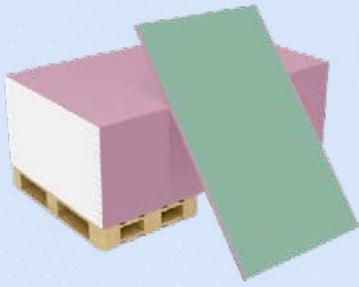


# LCA Results of Fire Resistant Plasterboard

Environmental Impacts for 1 m <sup>2</sup> Fire Resistant Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
GWP- Fossil	kg CO <sub>2</sub> eq	1.62	0.577	0.089	0	0.511	0
GWP- Biogenic	kg CO <sub>2</sub> eq	-515E-3	5.27E-3	64.7E-6	0	-518E-3	0
GWP- Luluc	kg CO <sub>2</sub> eq	6.47E-3	5.50E-3	26.0E-6	0	3.65E-3	0
GWP- Total	kg CO <sub>2</sub> eq	1.11	588E-3	89.1E-3	0	-3.21E-3	0
ODP	kg CFC-11 eq	205E-9	16.3E-9	20.9E-9	0	83.8E-9	0
AP	mol H <sup>+</sup> eq	0.007	0.004	374E-6	0	4.35E-3	0
EP- Freshwater	kg PO <sub>4</sub> eq	583E-6	609E-6	6.31E-6	0	265E-6	0
EP- Marine	kg N eq	1.63E-3	617E-6	114E-6	0	1.17E-3	0
EP- Terrestrial	mol N eq	0.017	0.006	0.001	0	12.8E-3	0
POCP	kg NMVOC	4.70E-3	1.53E-3	400E-6	0	3.31E-3	0
ADPE	kg Sb eq	11.0E-6	1.39E-6	1.52E-6	0	9.22E-6	0
ADPF	MJ	24.7	6.34	1.39	0	8.91	0
WDP	m <sup>3</sup> depriv.	0.961	0.270	0.005	0	860E-3	0
PM	disease inc.	82.8E-9	16.2E-9	8.05E-9	0	74.2E-9	0
IR	kBq U-235 eq	0.132	0.009	0.007	0	0.121	0
ETP- FW	CTUe	63.1	5.55	1.10	0	59.4	0
HTTP- C	CTUh	497E-12	102E-12	27.2E-12	0	385E-12	0
HTTP- NC	CTUh	20.6E-9	4.91E-9	1.26E-9	0	16.7E-9	0
SQP	Pt	84.3	0.365	1.59	0	85.8	0
Acronyms	GWP-total: Climate change, GWP-fossil: Climate change- fossil, GWP-biogenic: Climate change- biogenic, GWP-luluc: Climate change- land use and transformation, ODP: Ozone layer depletion, AP: Acidification terrestrial and freshwater, EP-freshwater: Eutrophication freshwater, EP-marine: Eutrophication marine, EP-terrestrial: Eutrophication terrestrial, POCP: Photochemical oxidation, ADPE: Abiotic depletion- elements, ADPF: Abiotic depletion- fossil resources, WDP: Water scarcity, PM: Respiratory inorganics- particulate matter, IR: Ionising radiation, ETP-FW: Ecotoxicity freshwater, HTP-c: Cancer human health effects, HTP-nc: Non-cancer human health effects, SQP: Land use related impacts, soil quality.						
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, C1: Deconstruction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads.						

Resource Use for 1 m <sup>2</sup> Fire Resistant Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
PERE	MJ	15.6	1.52	0.02	0	14.8	0
PERM	MJ	0	0	0	0	0	0
PERT	MJ	15.6	1.52	0.02	0	14.8	0
PENRE	MJ	24.7	6.34	1.39	0	8.91	0
PENRM	MJ	0	0	0	0	0	0
PENRT	MJ	24.7	6.34	1.39	0	8.91	0
SM	kg	0	0	0	0	0	0
RSF	MJ	0	0	0	0	0	0
NRSF	MJ	0.016	2.42E-3	288E-6	0	14.8E-3	0
FW	m <sup>3</sup>	0.016	2.42E-3	288E-6	0	14.8E-3	0

Waste & Output Flows for 1 m <sup>2</sup> Fire Resistant Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
HWD	kg	4.22E-6	0	0	0	0	0
NHWD	kg	16.8E-6	0	0	0	0	0
RWD	MJ	0	0	0	0	0	0
CRU	MJ	0	0	0	0	0	0
MFR	MJ	0	0	0	0	0	0
MER	MJ	0	0	0	0	0	0
EE (Electrical)	kg	0	0	0	0	0	0
EE (Thermal)	MJ	0	0	0	0	0	0
Acronyms	PERE: Use of renewable primary energy excluding resources used as raw materials, PERM: Use of renewable primary energy resources used as raw materials, PERT: Total use of renewable primary energy, PENRE: Use of non-renewable primary energy excluding resources used as raw materials, PENRM: Use of non-renewable primary energy resources used as raw materials, PENRT: Total use of non-renewable primary energy, SM: Secondary material, RSF: Renewable secondary fuels, NRSF: Non-renewable secondary fuels, FW: Net use of fresh water, HWD: Hazardous waste disposed, NHWD: Non-hazardous waste disposed, RWD: Radioactive waste disposed, CRU: Components for reuse, MFR: Material for recycling, MER: Materials for energy recovery, EE (Electrical): Exported energy electrical, EE (Thermal): Exported energy, Thermal.						
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, C1: Deconstruction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads.						

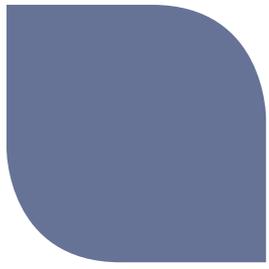


# LCA Results of Fire and Water Resistant Plasterboard

Environmental Impacts for 1 m <sup>2</sup> Fire and Water Resistant Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
GWP- Fossil	kg CO <sub>2</sub> eq	1.63	0.577	0.089	0	0.521	0
GWP- Biogenic	kg CO <sub>2</sub> eq	-518E-3	5.27E-3	64.7E-6	0	-521E-3	0
GWP- Luluc	kg CO <sub>2</sub> eq	8.61E-3	5.50E-3	26.0E-6	0	5.79E-3	0
GWP- Total	kg CO <sub>2</sub> eq	1.12	588E-3	89.1E-3	0	5.83E-3	0
ODP	kg CFC-11 eq	206E-9	16.3E-9	20.9E-9	0	84.6E-9	0
AP	mol H <sup>+</sup> eq	0.007	0.004	374E-6	0	4.42E-3	0
EP- Freshwater	kg PO <sub>4</sub> eq	586E-6	609E-6	6.31E-6	0	268E-6	0
EP- Marine	kg N eq	1.66E-3	617E-6	114E-6	0	1.20E-3	0
EP- Terrestrial	mol N eq	0.017	0.006	0.001	0	13.0E-3	0
POCP	kg NMVOC	4.74E-3	1.53E-3	400E-6	0	3.36E-3	0
ADPE	kg Sb eq	11.6E-6	1.39E-6	1.52E-6	0	9.8E-6	0
ADPF	MJ	24.9	6.34	1.39	0	9.07	0
WDP	m <sup>3</sup> depriv.	0.973	0.270	0.005	0	872E-3	0
PM	disease inc.	83.4E-9	16.2E-9	8.05E-9	0	74.8E-9	0
IR	kBq U-235 eq	0.133	0.009	0.007	0	0.121	0
ETP- FW	CTUe	63.4	5.55	1.10	0	59.8	0
HTTP- C	CTUh	514E-12	102E-12	27.2E-12	0	401E-12	0
HTTP- NC	CTUh	20.7E-9	4.91E-9	1.26E-9	0	16.9E-9	0
SQP	Pt	84.6	0.365	1.59	0	86.0	0
Acronyms	GWP-total: Climate change, GWP-fossil: Climate change- fossil, GWP-biogenic: Climate change- biogenic, GWP-luluc: Climate change- land use and transformation, ODP: Ozone layer depletion, AP: Acidification terrestrial and freshwater, EP-freshwater: Eutrophication freshwater, EP-marine: Eutrophication marine, EP-terrestrial: Eutrophication terrestrial, POCP: Photochemical oxidation, ADPE: Abiotic depletion- elements, ADPF: Abiotic depletion- fossil resources, WDP: Water scarcity, PM: Respiratory inorganics- particulate matter, IR: Ionising radiation, ETP-FW: Ecotoxicity freshwater, HTP-c: Cancer human health effects, HTP-nc: Non-cancer human health effects, SQP: Land use related impacts, soil quality.						
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, C1: Deconstruction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads.						

Resource Use for 1 m <sup>2</sup> Fire and Water Resistant Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
PERE	MJ	15.7	1.52	0.02	0	14.9	0
PERM	MJ	0	0	0	0	0	0
PERT	MJ	15.7	1.52	0.02	0	14.9	0
PENRE	MJ	24.9	6.34	1.39	0	9.07	0
PENRM	MJ	0	0	0	0	0	0
PENRT	MJ	24.9	6.34	1.39	0	9.07	0
SM	kg	0	0	0	0	0	0
RSF	MJ	0	0	0	0	0	0
NRSF	MJ	0	0	0	0	0	0
FW	m <sup>3</sup>	0.016	2.42E-3	288E-6	0	15.6E-3	0

Waste & Output Flows for 1 m <sup>2</sup> Fire and Water Resistant Plasterboard							
Impact Category	Unit	A1-A3	C1	C2	C3	C4	D
HWD	kg	4.22E-6	0	0	0	0	0
NHWD	kg	16.8E-6	0	0	0	0	0
RWD	MJ	0	0	0	0	0	0
CRU	MJ	0	0	0	0	0	0
MFR	MJ	0	0	0	0	0	0
MER	MJ	0	0	0	0	0	0
EE (Electrical)	kg	0	0	0	0	0	0
EE (Thermal)	MJ	0	0	0	0	0	0
Acronyms	PERE: Use of renewable primary energy excluding resources used as raw materials, PERM: Use of renewable primary energy resources used as raw materials, PERT: Total use of renewable primary energy, PENRE: Use of non-renewable primary energy excluding resources used as raw materials, PENRM: Use of non-renewable primary energy resources used as raw materials, PENRT: Total use of non-renewable primary energy, SM: Secondary material, RSF: Renewable secondary fuels, NRSF: Non-renewable secondary fuels, FW: Net use of fresh water, HWD: Hazardous waste disposed, NHWD: Non-hazardous waste disposed, RWD: Radioactive waste disposed, CRU: Components for reuse, MFR: Material for recycling, MER: Materials for energy recovery, EE (Electrical): Exported energy electrical, EE (Thermal): Exported energy, Thermal.						
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, C1: Deconstruction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads.						



# References

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/ISO 50001-2011/ Energy Management Certificate - Requirements

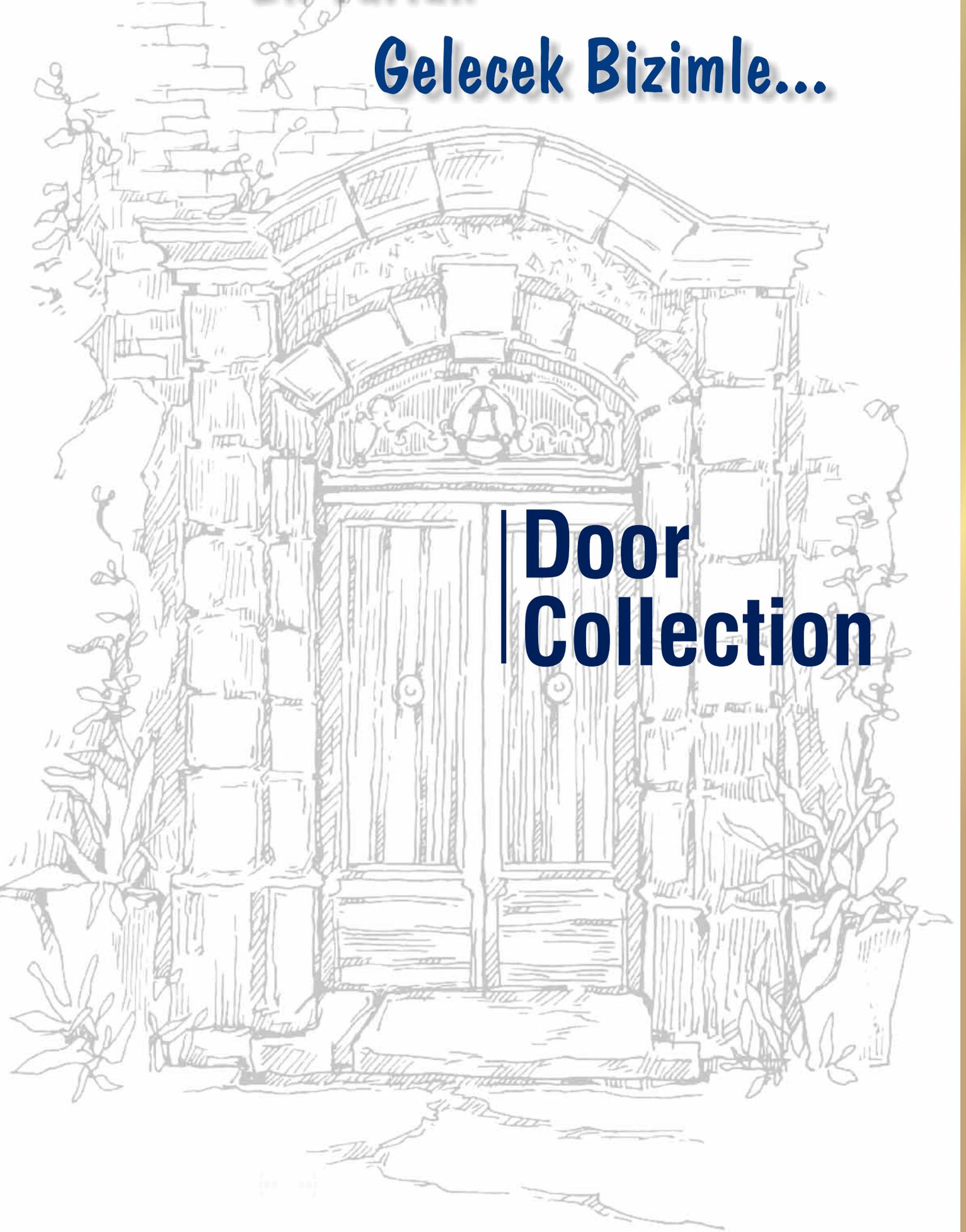
/PCR for Construction Products and CPC 54 Construction Services/ Prepared by IVL  
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Version 1.11, DATE 2021-02-05

/Ecoinvent/ Ecoinvent Centre, [www.ecoinvent.org](http://www.ecoinvent.org)

/SimaPro/ SimaPro LCA Package, Pré Consultants, the Netherlands, [www.pre-sustainability.com](http://www.pre-sustainability.com)

**En Parlak  
Gelecek Bizimle...**

**Door  
Collection**





# BINA GIRIŞ KAPISI SERİSİ

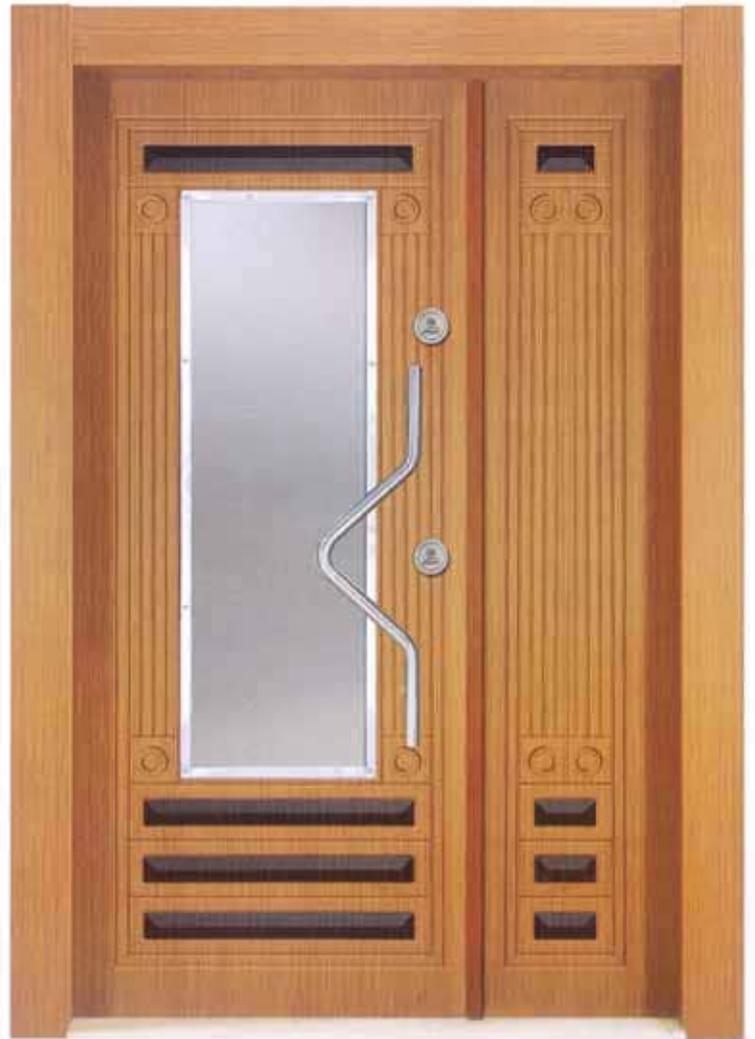
## DOOR SERIE OF BUILDING ENTRANCE



# BİNA GİRİŞ KAPI SERİSİ / DOOR SERIES OF BUILDING ENTRANCE



**EN** 001 Bina Giriş  
Sokra Ceviz



**EN** 002 Bina Giriş  
Koyu Bambu / Koyu Ceviz



**ZN**  
003 Bina Giriş  
Soft Meşe

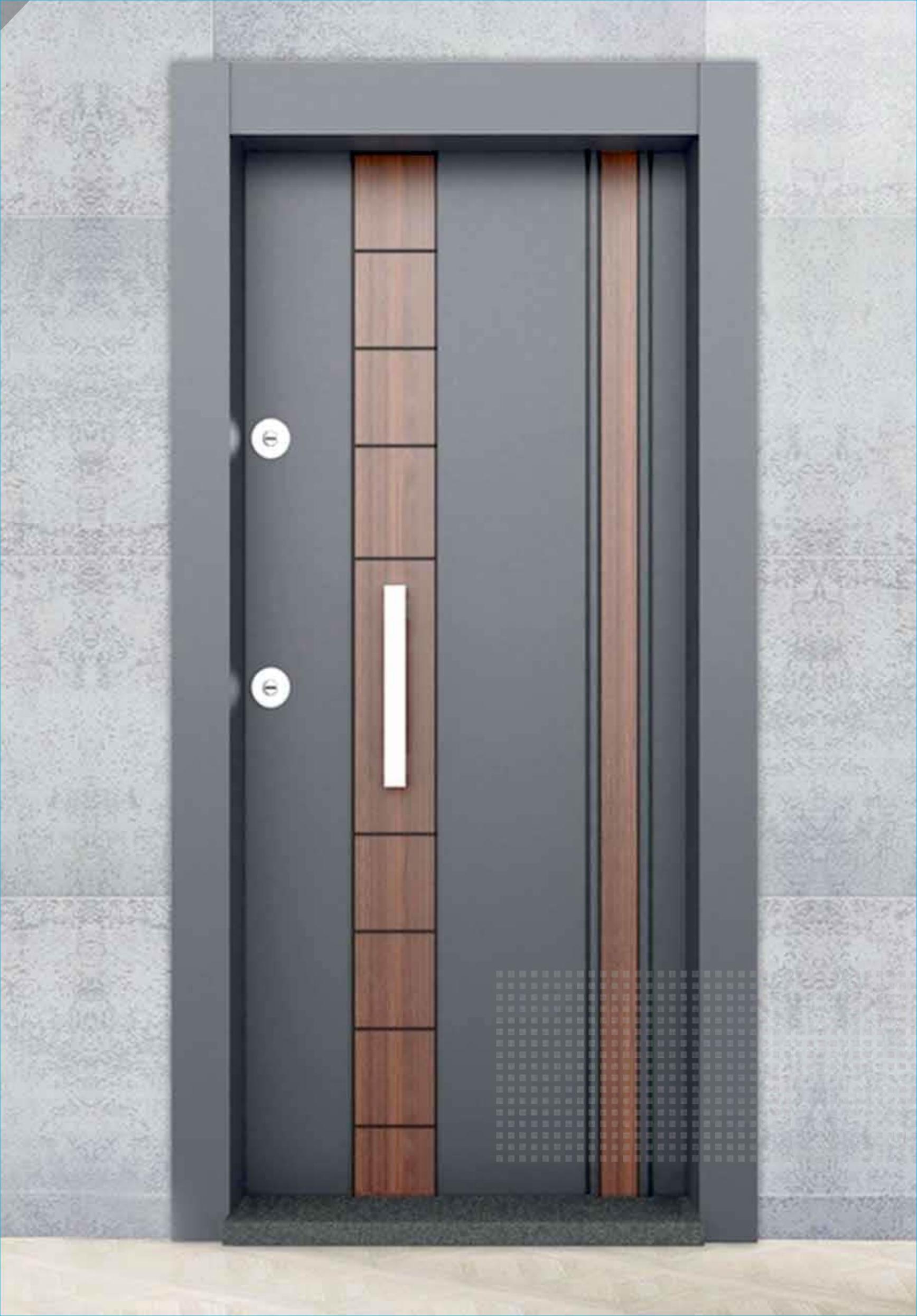


**ZN**  
004 Bina Giriş  
Noce Nigra

# ÇELİK KAPI SERİSİ

STEEL DOOR  
SERIES







 <b>001-Ç</b>	Kaplama	High Gloss PVC
	Renk	Parlak Beyaz
	Kilit	Monoblok
	Aksesuar	Satine



 <b>001-Ç</b>	Kaplama	Soft
	Renk	Kestane
	Kilit	Monoblok
	Aksesuar	Satine



 <b>001-Ç</b>	Kaplama	PVC
	Renk	Beyaz Coco
	Kilit	Monoblok
	Aksesuar	Satine



 <b>001-Ç</b>	Kaplama	PVC
	Renk	İtalyan Ceviz
	Kilit	Monoblok
	Aksesuar	Satine



 <b>001-Ç</b>	Kaplama	PVC Kaplama
	Renk	Testere
	Kilit	Monoblok
	Aksesuar	Satine



 <b>001-Ç</b>	Kaplama	Soft
	Renk	Kestane
	Kilit	Monoblok
	Aksesuar	Satine



	Kaplama	PVC
	Renk	Koyu Bambu-Beyaz
	Kilit	Monoblok
	Aksesuar	Satine



	Kaplama	Ceviz
	Renk	Ceviz Paslanmaz
	Kilit	Monoblok
	Aksesuar	Satine



	Kaplama	Ceviz
	Renk	Koyu Ceviz
	Kilit	Monoblok
	Aksesuar	Satine



	Kaplama	Beyaz+Ceviz
	Renk	Koyu Ceviz+Hareli Beyaz
	Kilit	Monoblok
	Aksesuar	Satine



	Kaplama	PVC
	Renk	Natural Light Oak
	Kilit	Monoblok
	Aksesuar	Satine



	Kaplama	PVC Kaplama
	Renk	Sokra Ceviz
	Kilit	Monoblok
	Aksesuar	Satine



# ÇELİK KAPI SERİSİ / STEEL DOOR SERIES



<b>EN</b> 001-Ç	Kaplama	PVC Kaplama
	Renk	Testere
	Kilit	Monoblok
	Aksesuar	Satine



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	İtalyan Ceviz
	Kilit	Monoblok
	Aksesuar	Satine



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Parlak Abanoz - Parlak Krem
	Kilit	Monoblok
	Aksesuar	Satine



<b>EN</b> 001-Ç	Kaplama	Bambu + Koyu Ceviz
	Renk	Bambu + Koyu Ceviz
	Kilit	Monoblok
	Aksesuar	Satine



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	İtalyan Ceviz
	Kilit	Monoblok
	Aksesuar	Satine



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Natural Light Oak
	Kilit	Monoblok
	Aksesuar	Satine

# PVC KAPLAMALI KAPI SERİSİ

PVC COATED  
SERIES  
DOOR





# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>EN</b> 001-Ç	Kaplama	PVC Kaplama
	Renk	Bambu Bute-Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Lake Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Teak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Yeni Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz Huş
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Testere
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Açık Naturel
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Yeni Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Teak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz Huş
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Gold Ceviz
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz Huş
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Testere
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Toros Çam
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Naturel Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Teak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Yeni Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Naturel Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Teak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz Huş
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Gold Ceviz
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Yeni Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Gold Ceviz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz Huş
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Bambu - Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Teak
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Yeni Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz Huş
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Bambu
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Elma
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Bambu
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Elma
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Teak-Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Bambu - Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	İtalyan Ceviz - Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	PVC
	Renk	Yeni Meşe - Beyaz
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Mozaik Akça
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Tanganika
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Açık Naturel Ceviz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Yeni Meşe
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



	Kaplama	PVC
	Renk	Neco Marino
	Kilit	
	Aksesuar	



	Kaplama	PVC
	Renk	Yaban Elma
	Kilit	
	Aksesuar	



	Kaplama	PVC
	Renk	Kestane
	Kilit	
	Aksesuar	



	Kaplama	PVC
	Renk	Karaağaç
	Kilit	
	Aksesuar	



	Kaplama	PVC
	Renk	Sokra Akça
	Kilit	
	Aksesuar	



	Kaplama	PVC
	Renk	Pataya
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Venge
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Sokra Ceviz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Antik Ceviz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Koyu Ceviz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Dragon Ceviz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz Coco
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Premium Akça
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Maun
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Doğal Antik
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Saten Beyaz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Saten Krem
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Beyaz Huş
	Kilit	
	Aksesuar	

# PVC KAPLAMALI KAPI SERİSİ / PVC COATED SERIES DOOR



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Soft Kestane
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Rustik
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Soft Beyaz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Soft B. Çınar
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Soft B. Çınar
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	PVC
	Renk	Rustik
	Kilit	
	Aksesuar	

# LAKE BOYALI KAPI SERİSİ

LACQUER QUALITY  
PAINTED DOOR  
SERIES





# LAKE BOYALI KAPI SERİSİ / LACQUER QUALITY PAINTED DOOR SERIES



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Varaklı Mat Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Mat Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Mat Krem
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Mat Beyaz (Siyah Cam)
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Mat Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Mat Beyaz
	Kilit	
	Aksesuar	

# LAKE BOYALI KAPI SERİSİ / LACQUER QUALITY PAINTED DOOR SERIES



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Ral
	Kilit	
	Aksesuar	

# LAKE BOYALI KAPI SERİSİ / LACQUER QUALITY PAINTED DOOR SERIES



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Fildişi
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Patina Ceviz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Krem
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>ZN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz
	Kilit	
	Aksesuar	

# LAKE BOYALI KAPI SERİSİ / LACQUER QUALITY PAINTED DOOR SERIES



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz - Varak Yıldız
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Antrasit Gri - Altın Varak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz - Varak Yıldız
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz - Varak Yıldız
	Kilit	
	Aksesuar	



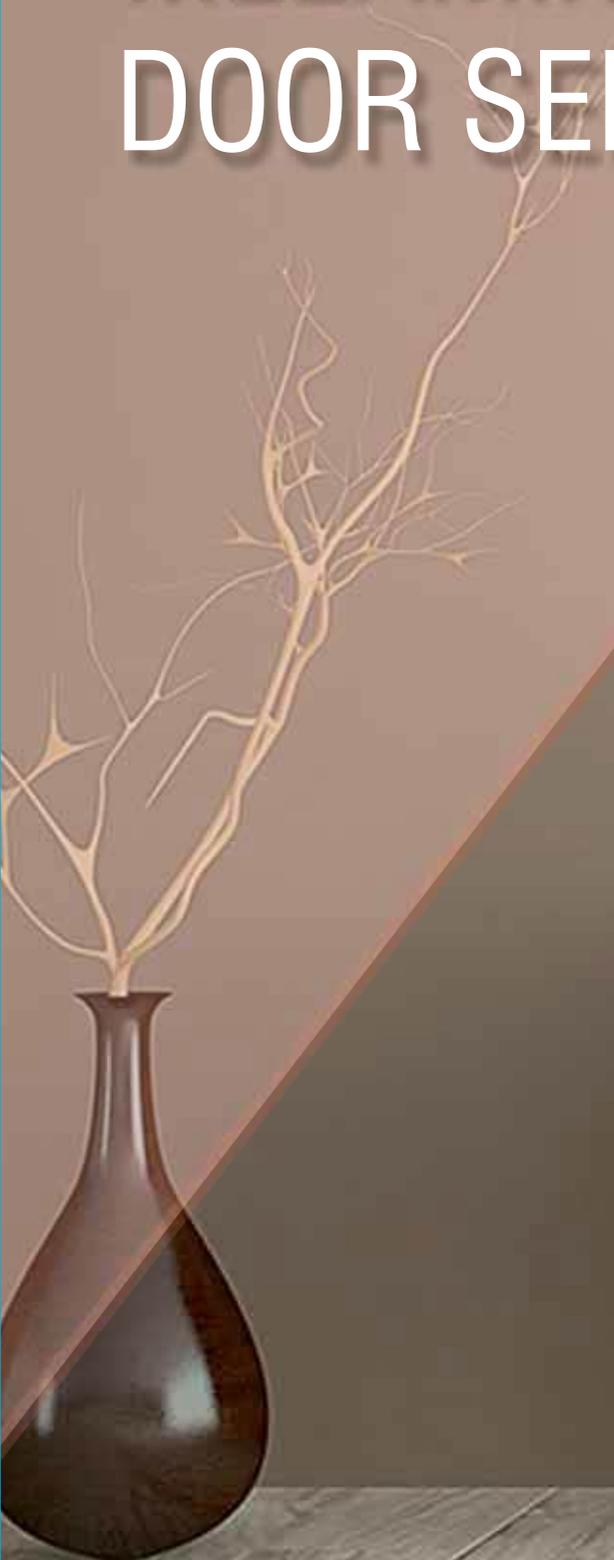
<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz - Siyah Varak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	LAKE
	Renk	Beyaz - Varak Yıldız
	Kilit	
	Aksesuar	

# MELAMİN KAPI SERİSİ

MELAMINE  
DOOR SERIES





# MELAMİN KAPI SERİSİ / MELAMINE DOOR SERIES



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Buz Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Buz Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Buz Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Buz Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Başak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Başak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Başak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Başak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Ata Ceviz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Ata Ceviz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Ata Ceviz
	Kilit	
	Aksesuar	

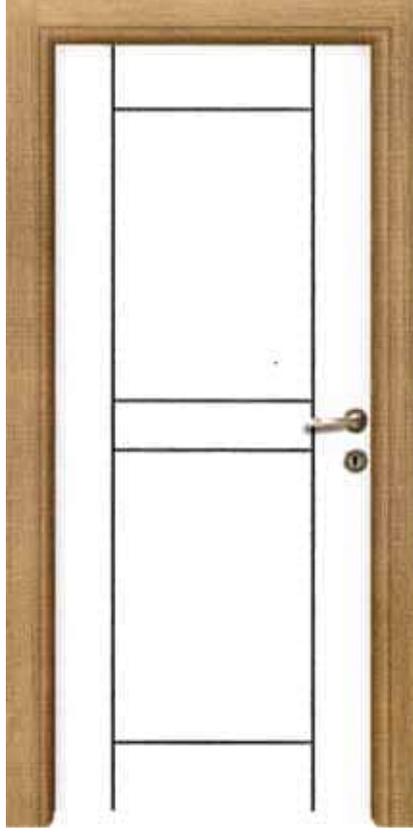


<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Ata Ceviz
	Kilit	
	Aksesuar	

# MELAMİN KAPI SERİSİ / MELAMINE DOOR SERIES



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Gentaş Tik
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Başak
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Buz Meşe
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Beyaz
	Kilit	
	Aksesuar	



<b>EN</b> 001-Ç	Kaplama	MELAMİN
	Renk	Antrasit - Beyaz
	Kilit	
	Aksesuar	



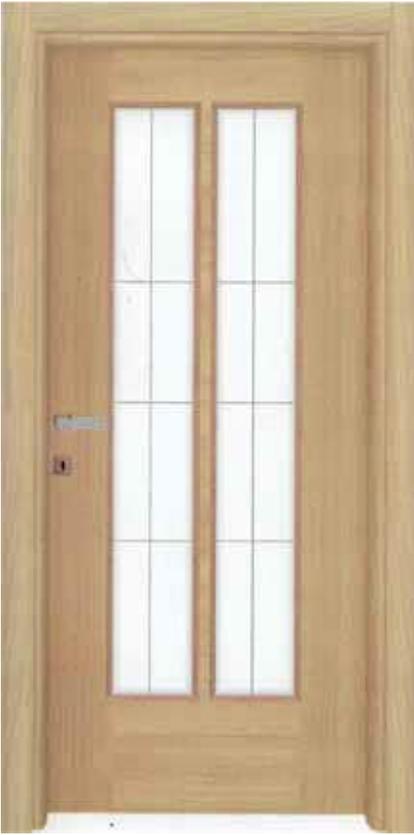
 001-Ç	Kaplama	MELAMİN
	Renk	Başak
	Kilit	
	Aksesuar	



 001-Ç	Kaplama	MELAMİN
	Renk	Gentaş Tik
	Kilit	
	Aksesuar	



 001-Ç	Kaplama	MELAMİN
	Renk	Reden Wood
	Kilit	
	Aksesuar	



 001-Ç	Kaplama	MELAMİN
	Renk	Yeni Meşe
	Kilit	
	Aksesuar	



 001-Ç	Kaplama	MELAMİN
	Renk	Tosya Ceviz
	Kilit	
	Aksesuar	



 001-Ç	Kaplama	LAKE
	Renk	Patina Meşe
	Kilit	
	Aksesuar	

# AHŞAP KAPI SERİSİ

WOODEN  
DOOR SERIES





NA/2 Hareli Ceviz

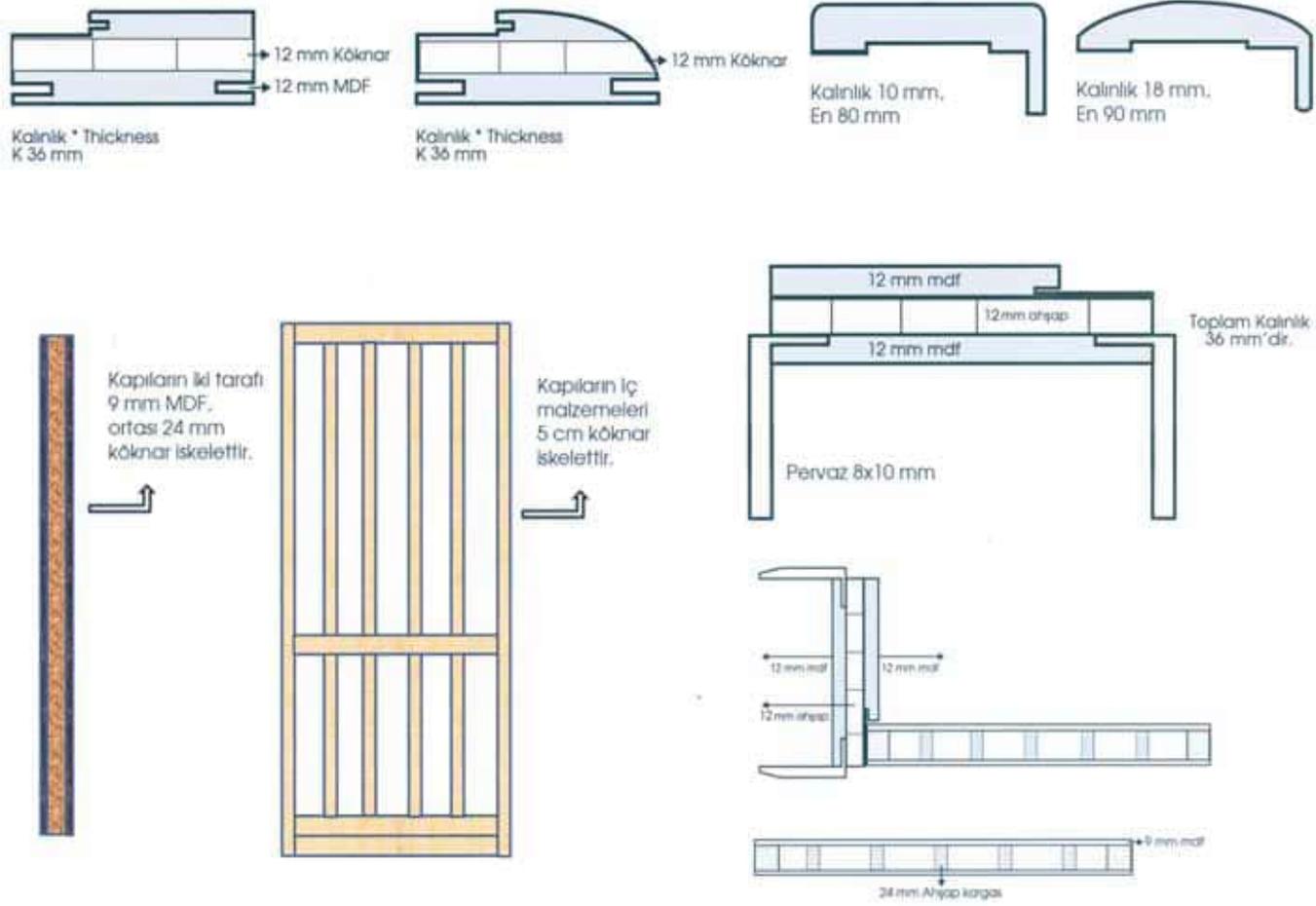


NA/1 Meşe Freze



NA/3 Alpi Teak





## PVC KAPI DETAYI

Kapıların iç kısımlarında köknar kereste izgara bulunmaktadır. Izgaralı sistem hem hava sirkülasyonunu sağlar hemde kapının eğilmesini engeller. Bu tür kapılarda kullanılan en sağlıklı sistemdir. Zira blok mdf kapıyı ağırlaştırır ve sarkmalara sebep olur hemde zaman içinde kapı çalışır, yani döner. Bu yüzden köknar izgara hem kağıt peteğe hemde blok mdfye karşı iyi bir çözümdür. Keza yine kapı kanat yanlarında köknar ağacı kullanılır ki bu sistem ağacın vidayı tutmasını ve sarkmasını önler.

Kapıların kasalarında sandviç kasa dediğimiz ahşaplı uygulama kullanılmaktadır.

## ÇELİKKAPI DETAYI Çelikkapılar istenilen renk ve modelde üretilir.

- o İç kasası 1,5 mm dir.
- o Dış kasası 1,5 mm dir.
- o İç kasası içinde 1,5\*1900 mm kasa boy takviyesi mevcuttur.
- o İç kasasının kilit tarafında 2\*400 mm extra takviye sacı mevcuttur.
- o Kilit tarafı toplam kasa kalınlığı 5,5 mm dir.
- o Menteşe tarafı toplam kasa kalınlığı 3,5 mm dir.
- o Menteşeleri yekpare krom malzemedir.
- o Kanat menteşeleri kanada değil 3 mm takviye sacına kaynar.
- o Kanatları 0.9+0.9 mm omega destekli yapıdadır.
- o Kanatları içinde 1,5\*1840 mm extra takviye sacı vardır.
- o Kanat kilit yerlerinde 1,5\*800 mm extra takviye sacı mevcuttur.
- o Kilit tarafı toplam kanat kalınlığı 4,8 mm dir.
- o Menteşe tarafı toplam kanat kalınlığı 4,8 mm dir.
- o Metal kanat kalınlığı 60 mm dir.
- o PVC glydirilmiş kanat kalınlığı 80 mm dir.
- o Kenarları 0,8 mm 304 kalite paslanmazla çevrilidir.
- o Menteşe tarafında 4 adet sabit mil mevcuttur.
- o Gizli emniyet kelepçesi mevcuttur.
- o Menteşeleri setüskür ile yukarı aşağı ayarlanabilir yapıdadır.
- o Kanat lastikleri 20 mm genişliğindedir.
- o Kasaları geçme ve ayarlı yapıdadır.
- o Kasaları M6\*70 çelik civatayla monte olur.
- o Multi kanca kilit sistemi uygulanmaktadır.

**DAF**®

**KILIT**

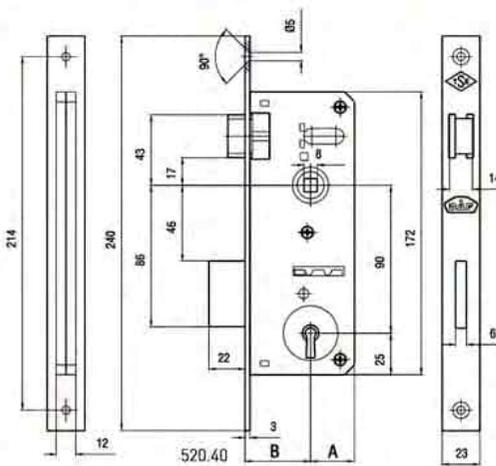
LOCKS & HANDLES CO., INC.

## 520.40

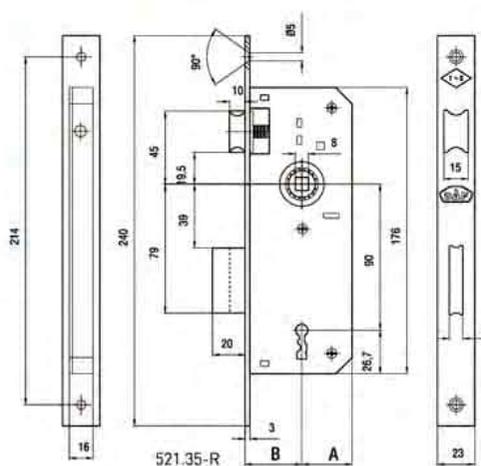
## 521.35-R / 522.35-R



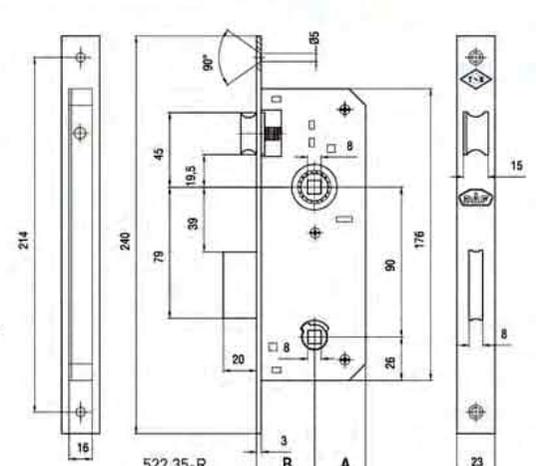
MERKEZ UZAKLIĞI BACK SET ENTRÉE РАССТОЯНИЕ К ЦЕНТРУ	EKSEN MESAFESİ AXIS DISTANCE ENTRÉE - AXE РАССТОЯНИЕ К ОСИ	KASA ÖLÇÜSÜ CASE DIMENSION DIMENSION DE CAISSE ГЛУБИНА ЛУТКИ	SÜRGÜ MALZEMESİ BOLT MATERIAL M. DE PÈNE DORMANT МАТЕРИАЛ ДЛЯ ЗАДВИЖКИ ИЛИ ОСИ	TUR SAYISI TOUR NUMBER NOMBRE DE TOUR КОЛИЧЕСТВО ОБОРОТОВ	DİL MALZEMESİ LATCH MATERIAL M. DE PÈNE LANÇANT МАТЕРИАЛ ЗАМОЧНОЙ ЗАДВИЖКИ	BİRİM AĞIRLIK (Kg.) UNITE WEIGHT (Kg.) UNITE DE POIDS ВЕС (ЕДИНИЦА)	KOLI ÖLÇÜSÜ PARCEL DIMENSION DIMENSION DE COLIS РАЗМЕР ЯЩИКА	KOLI İÇİ ADEDİ PIECE IN PARCEL PIECE DANS UN COLIS ШТУК В КОРОБКЕ
520.40	40	90	Çelik / Steel Fonte / литье	2	Zamak	0,54 Kg.	395x245x235	40
521.35-R	35	90	Zamak	2	Zamak	0,55 Kg.	375x255x215	40
522.35-R	35	90	Zamak	1	Zamak	0,56 Kg.	375x255x185	40



KOD/CODE	B	A
520.40	40	27



KOD/CODE	B	A
521.35-R	35	31

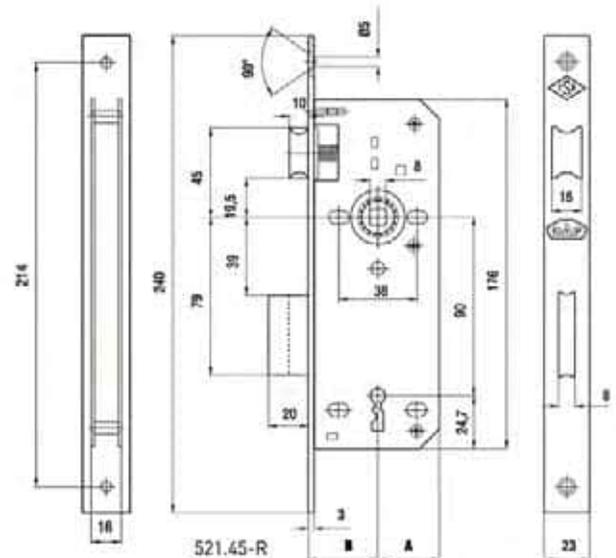
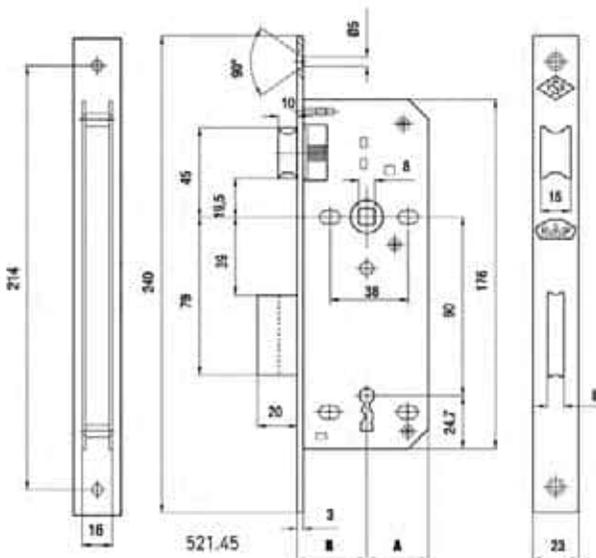


KOD/CODE	B	A
522.35-R	35	31

## 521.45-PLS / 521.45-R



	MERKEZ UZAKLIĞI BACK SET ENTRÉE	EKSEN MESAFESİ AXIS DISTANCE ENTRÉE - AXE	KASA ÖLÇÜSÜ CASE DIMENSION DIMENSION DE CAISSE	SURĞU MALZEMESİ BOLT MATERIAL M. DE PÊNE DORMANT	TUR SAYISI TOUR NUMBER NOMBRE DE TOUR	DİL MALZEMESİ LATCH MATERIAL M. DE PÊNE LANÇANT	BİRİM AĞIRLIK (Kg) UNITE WEIGHT (Kg) UNITE DE POIDS	KOLI ÖLÇÜSÜ PARCEL DIMENSION DIMENSION DE COLIS	KOLI İÇİ ADEDİ PIECE IN PARCEL PIECE DANS UN COLIS
	РАССТОЯНИЕ К ЦЕНТРУ	РАССТОЯНИЕ К ОСИ	ГЛУБИНА ПУТКИ	МАТЕРИАЛ ДЛН ЗАВІТКОВОЇ ІВІВІ ОСІ	КОЛІЧЕСТВО ОБОРОТІВ	МАТЕРІАЛ ЗАМОННОЇ ЗАВІТКОВОЇ	ВЕС (ЕДИНИЦА)	РАЗМЕР ПІШКА	ШТУК В КОРІВКЕ
521.45-PLS	45	90	71x176	Plastik	1	Plastik	0,39 Kg.	415x260x220	40
521.45	45	90	71x176	Zamak	2	Zamak	0,56 Kg.	415x260x220	40
521.45-R	45	90	71x176	Zamak	2	Zamak	0,58 Kg.	405x255x220	40



**LOVE IS FEELING SAFE.**  
**AŞK GÜVENDE HİSSETMEKTİR.**



# 573.60-R8M

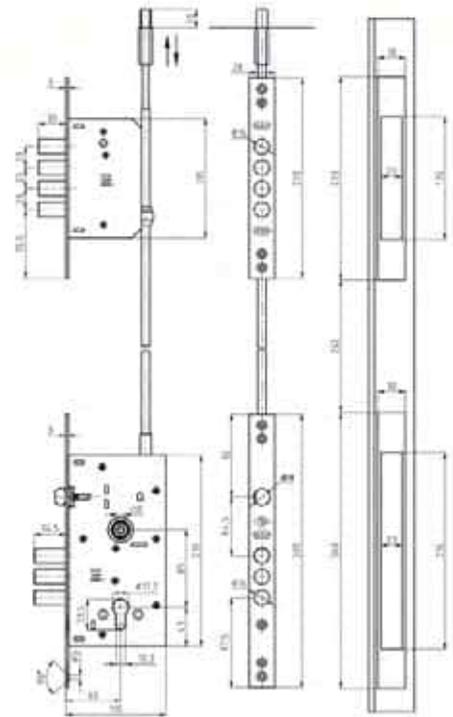
MARMARA SERİ: 3



MERKEZ UZAKLIĞI BACK SET ENTRÉE РАССТОЯНИЕ К ЦЕНТРУ	EKSEN MESAFESİ AXIS DISTANCE ENTRÉE - AXE РАССТОЯНИЕ К ОСИ	KASA ÖLÇÜSÜ CASE DIMENSION DIMENSION DE CAISSE ГЛУБИНА ЛУТКИ
60	85	110x210

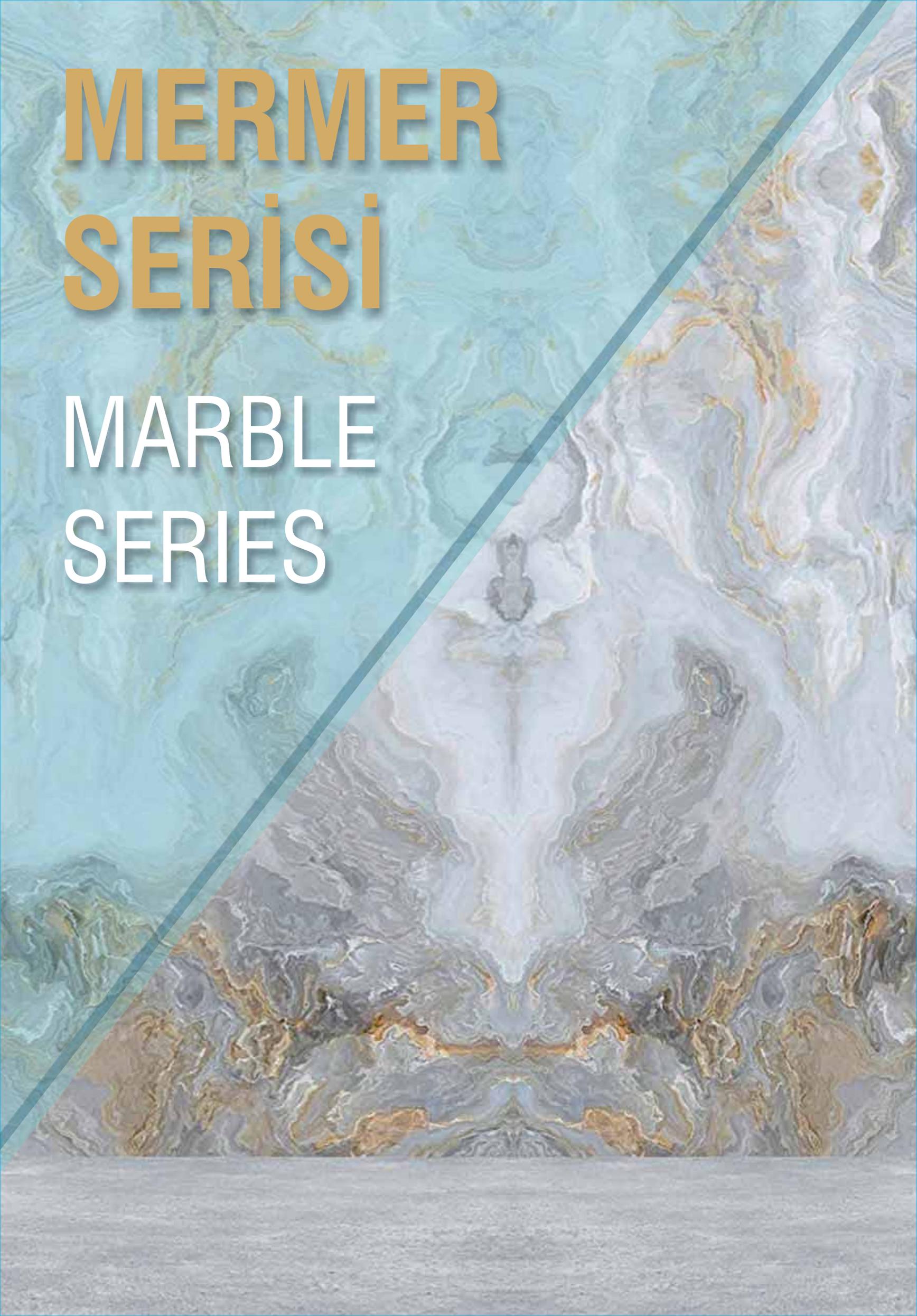
SURGU MALZEMESİ BOLT MATERIAL M. DE PÈNE DORMANT МАТЕРИАЛ ДЛЯ ЗАДВИЖКИ ИЛИ ОСИ	TUR SAYISI TOUR NUMBER NOMBRE DE TOUR КОЛИЧЕСТВО ОБОРОТОВ	DİL MALZEMESİ LATCH MATERIAL M. DE PÈNE LANÇANT МАТЕРИАЛ ЗАМОЧНОЙ ЗАДВИЖКИ
Çelik / Steel Fonte / fonte	3	M5 5B

BİRİM AĞIRLIK (Kg) UNITE WEIGHT (Kg) UNITE DE POIDS ВЕС (ЕДИНИЦА)	KOLI ÖLÇÜSÜ PARCEL DIMENSION DIMENSION DE COLIS РАЗМЕР ЯЩИКА	KOLI İÇİ ADEDİ PIECE IN PARCEL PIECE DANS UN COLIS ШТУК В КОРОБКЕ
2,4 Kg.	415x335x135	6



# MERMER SERİSİ

MARBLE  
SERIES







EMPERADOR



EMPERADOR



OTTOMAN



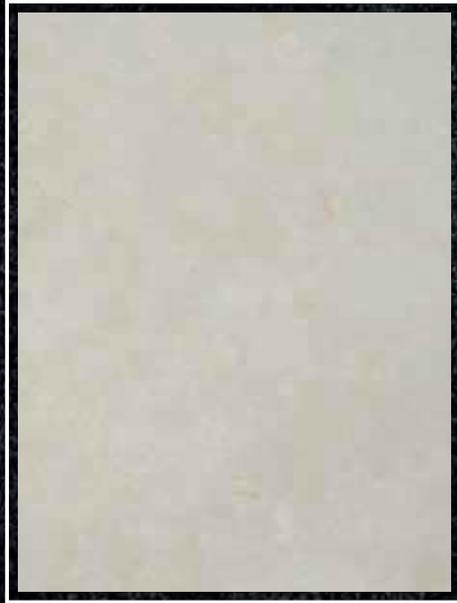
BIANCO IBIZA



BIANCO ROSA



**CAPPUCCINO**



**COSMOS BEIGE**



**CREMA ANATOLIA**



**BIANCO ROYAL**



**BURSA DARK BEIGE**



**CAPPUCCINO EXTRA**



CREMA NUOVA



CREMA UNO



DIANA ROYAL



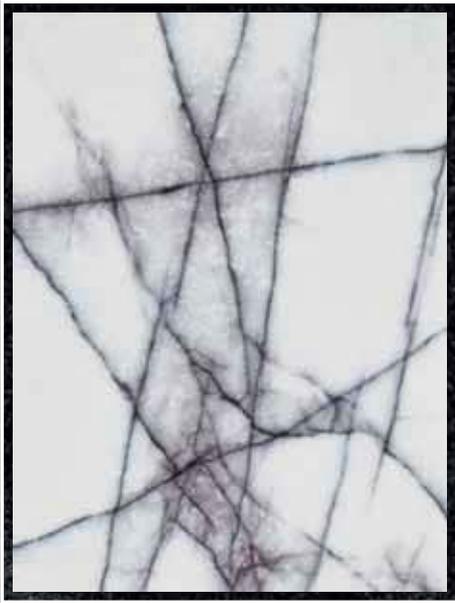
ELICANTI



LIGHT TRAVERTINE CC



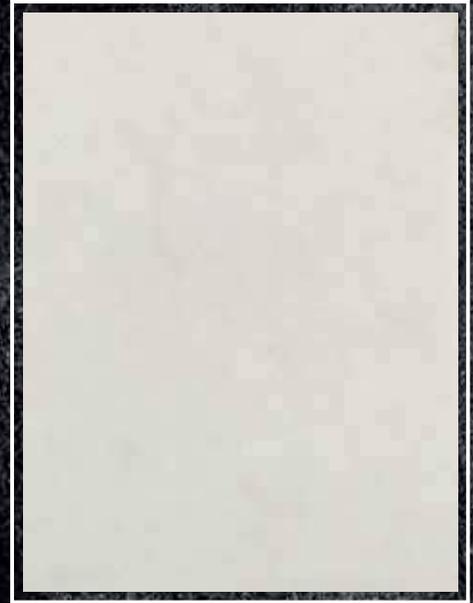
LIGHT TRAVERTINE CC



LILAC LIGHT



LIMESTONE CLASSIC



LIMESTONE CLOUDY



ROSSO LEVANTO



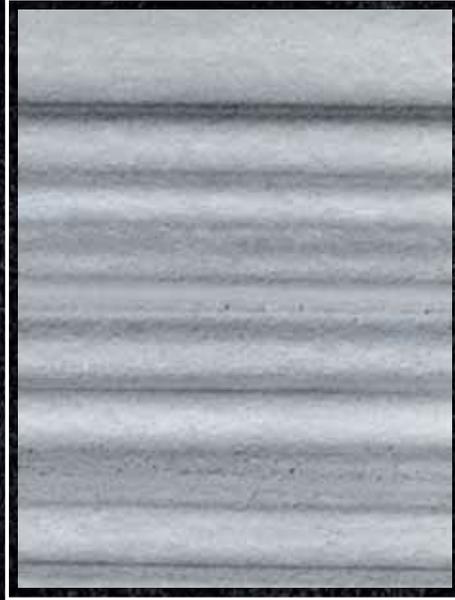
SILVER



TUNDRA GREY



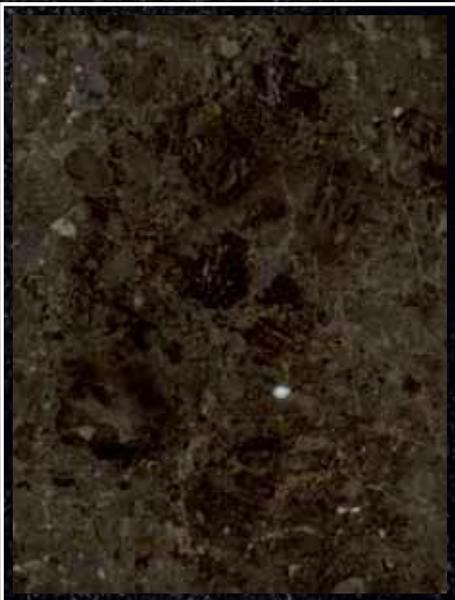
**MACCHIATO**



**MARMARA WHITE**



**MEDIUM EMPERADOR**



**MOUNT GREY**



**MUGLA WHITE**



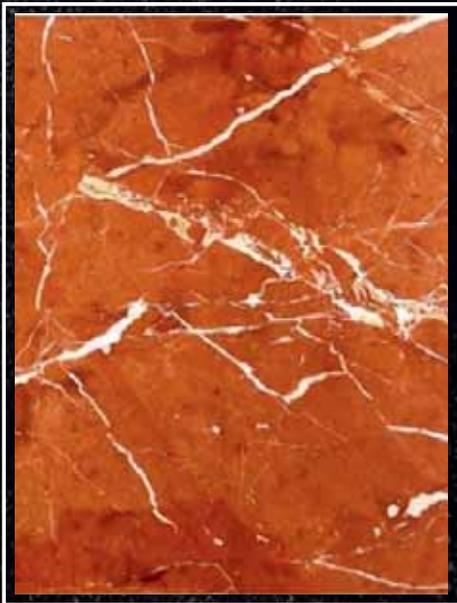
**NOCE TRAVERTINE**



HANI BEIGE



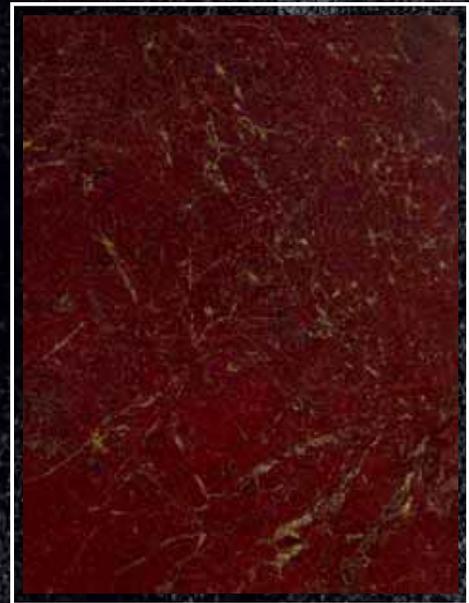
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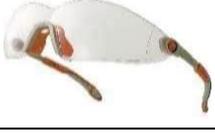
## KAFA KORUMA ÜRÜNLERİ

### GÜVENLİK GÖZLÜKLERİ VE YÜZ KORUMALARI

ASO2 ŞEFFAF		ASO2 FÜME		IRAYA ŞEFFAF		IRAYA SARI		IRAYA FÜME			
<b>YENİ</b>		<b>YENİ</b>		<b>YENİ</b>		<b>YENİ</b>		<b>YENİ</b>		<b>YENİ</b>	
											
											
Koli İçi	Kutu içi	Koli İçi	Kutu içi	Koli İçi	Kutu içi	Koli İçi	Kutu içi	Koli İçi	Kutu içi	Koli İçi	Kutu içi
100	10	100	10	100	10	100	10	100	10	100	10
PREMIUM		PREMIUM		EVOLUTION		EVOLUTION		EVOLUTION		EVOLUTION	
ASO2IN		ASO2FU		IRAYAIN		IRAYAFU		IRAYAJA		LIPA2BLIN	
AM-AS-UV400- <b>K-N</b> GÖZLÜK POLİKARBONAT CAM POLİKARBONAT/TPR ÇERÇEVE EKSTRA KONFOR İÇİN TPR BURUN PEDİ KAYMAZ ESNEK SAPLAR GÖZLÜK İPİ PAKETE DAHİL 28 GR				AM- AS-UV400 POLİKARBONAT CAM GÖZLÜK EKSTRA KONFOR İÇİN TPR BURUN PEDİ KAYMAZ ESNEK SAPLAR 61 GR				AS-UV400 POLİKARBONAT CAM GÖZLÜK YANAL KORUMA AYARLANABİLİR SAPLAR 61 GR			
EN 166 1 FT KN / FT EN170 UV 2C-1.2 <b>ANTIFOG</b>		EN 166 1 FT KN / FT EN172 UV 5-2.5 <b>ANTIFOG</b>		EN 166 1 FT / FT EN170 UV 2C-1.2 <b>ANTIFOG</b>		EN 166 1 FT / FT EN170 UV 2C-1.2 <b>ANTIFOG</b>		EN 166 1 FT / FT EN172 UV 5-3.1 <b>ANTIFOG</b>		EN 166 1 FT / FT EN170 UV 2C-1.2 <b>ANTIFOG</b>	
FUJI CLEAR		FUJI GRADIENT		PACAYA LYVİZ		PACAYA STRAP		PACAYA FÜME			
											
											
Koli İçi	Kutu içi	Koli İçi	Kutu içi	Koli İçi	Kutu içi	Koli İçi	Kutu içi	Koli İçi	Kutu içi	Koli İçi	Kutu içi
100	10	100	10	100	10	100	10	100	10	100	10
PREMIUM		PREMIUM		PREMIUM		PREMIUM		PREMIUM		PREMIUM	
FUJI2NOIN		FUJI2NOOR		PACAYLVIN		PACAYSTIN		PACAYNOFU		PACAYBLIN	
AM (ŞEFFAF MODEL) – AS - UV400 POLİKARBONAT CAM EKSTRA KONFOR İÇİN TPR BURUN PEDİ KAYMAZ ESNEK SAPLAR 37 GR				AM-AS-UV400 POLİKARBONAT CAM - OLEOPHOBIC VE HYDROPHOBIC KAPLAMA 52 GR				AM-AS-UV400 POLİKARBONAT CAM BAŞ BANTLI 52 GR			
EN 166 1 FT / FT EN170 UV 2C-1.2 <b>ANTIFOG</b>		EN 166 1 FT / FT EN172 UV 5-1.4 : 5-1.7		EN 166 1 FT / FT EN170 UV 2C-1.2 <b>ANTIFOG</b>		EN 166 1 FT / FT EN170 UV 2C-1.2 <b>ANTIFOG</b>		EN 166 1 FT / FT EN172 UV 5-3.1 <b>ANTIFOG</b>		EN 166 1 FT / FT EN170 UV 2C-1.2 <b>ANTIFOG</b>	

## KAFA KORUMA ÜRÜNLERİ

### GÜVENLİK GÖZLÜKLERİ VE YÜZ KORUMALARI

VULCANO2 PLUS ŞEFFAF		VULCANO2 ŞEFFAF		VULCANO2 FÜME		FUEGO ŞEFFAF		HEKLA2 ŞEFFAF			
											
											
Koli İçi 100	Kutu İçi 10	Koli İçi 100	Kutu İçi 10	Koli İçi 100	Kutu İçi 10	Koli İçi 100	Kutu İçi 10	Koli İçi 100	Kutu İçi 10	Koli İçi 100	Kutu İçi 10
EVOLUTION		EVOLUTION		EVOLUTION		EVOLUTION		EVOLUTION		EVOLUTION	
VULC2PLIN		VULC2ORIN		VULC2NOFU		FUEGOARIN		HEKL2IN		EGONROLM	
AM-AS-UV400-K-N GÖZLÜK POLİKARBONAT CAM EĞİLEBİLİR VE AYARLANABİLİR SAPLAR 37 GR		AM-AS-UV400 GÖZLÜK POLİKARBONATCAM EĞİLEBİLİR VE AYARLANABİLİR SAPLAR TPE BURUN DESTEĞİ 37 GR				AM-AS-UV400 BARETE TAKILABİLİR GÖZLÜK POLİKARBONAT CAM TPE BURUN DESTEĞİ 34 GR		AS -UV400 GÖZLÜK ÜSTÜ GÖZLÜK POLİKARBONAT CAM 37 GR		AM-AS-UV400 AYNALI GÖZLÜK POLİKARBONAT CAM 34 GR	
EN 166 1 FT KN /FT EN170 UV 2C-1.2 ANTIFOG		EN 166 1 FT / FT EN170 UV 2C-1.2 ANTIFOG		EN 166 1 FT / FT EN172 UV 5-3.1 ANTIFOG		EN 166 1 FT / FT EN170 UV 2C-1.2 ANTIFOG		EN 166 1 FT / FT EN170 UV 2C-1.2		EN 166 1 FT / FT EN170 UV 2C-1.7	
EGON ŞEFFAF		EGON FÜME		BRAVA2 AB ŞEFFAF		BRAVA2 ŞEFFAF		BRAVA2 SARI		BRAVA2 FÜME	
											
											
Koli İçi 100	Kutu içi 10	Koli İçi 100	Kutu içi 10	Koli İçi 100	Kutu içi 10	Koli İçi 100	Kutu içi 10	Koli İçi 100	Kutu içi 10	Koli İçi 100	Kutu içi 10
EVOLUTION		EVOLUTION		ESSENTIAL		ESSENTIAL		ESSENTIAL		ESSENTIAL	
EGONGRIN		EGONGRFU		BRAV2INAB		BRAV2IN		BRAV2JA		BRAV2FU	
AM-AS-UV400 POLİKARBONAT CAMLI GÖZLÜK GENİŞ KORUMA ALANI VE YAN SİPERLER TPE BURUN PEDİ 34 GR				AM- AS-UV400 POLİKARBONAT CAM YAN KORUMA BUĞU ÖNLEYİCİ KAPLAMA 25 GR		AS-UV400 POLİKARBONAT CAMLI GÖZLÜK YAN KORUMA 25 GR					
EN 166 1 FT / FT EN170 UV 2C-1.2 ANTIFOG		EN 166 1 FT / FT EN172 UV 5-3.1 ANTIFOG		EN166 1 FT / FT EN170 UV 2C-1.2 ANTIFOG		EN 166 1 FT / FT EN170 UV 2C-1.2		EN 166 1 FT / FT EN170 UV 2C-1.2		EN 166 1 FT / FT EN172 UV 5-3.1	

## KAFA KORUMA ÜRÜNLERİ

### GÜVENLİK GÖZLÜKLERİ VE YÜZ KORUMALARI

KILIMANDJARO ŞEFFAF	KILIMANDJARO FÜME				
					
					
Koli İçi 100	Kutu içi 10			Koli İçi 100	Kutu içi 10
ESSENTIAL				ESSENTIAL	
KILIMGRIN				KILIMNOFU100	
AS - UV400 YAN SİPERLİKLİ POLİKARBONAT GÖZLÜK 71 GR					
EN 166 1 FT / FT EN170 UV 2C-1.2	EN 166 1 FT / FT EN172 UV 5-3.1				

SAJAMA ŞEFFAF	GALERAS ŞEFFAF	GALERAS FÜME	TOBA3 T5 ŞEFFAF VE T5	LIPARI 2 T5	
					
					
Koli İçi 60	Paket 10	Koli İçi 60	Paket 10	Koli İçi 100	Paket 10
PREMIUM SAJAMIN		EVOLUTION GALERVI		EVOLUTION GALERVF	
POLİKARBONAT CAM TPE ÇERÇEVE NEOPREN BANT DOLAYLI HAVALANDIRMA – KİMYASAL DAYANIMLI NEOPREN BANT  UV400- <b>K-N</b>  92 GR		PVC KORUMA GÖZLÜĞÜ POLİKARBONAT CAM DOLAYLIHAVALANDIRMA  UV400-AM-AS  104 GR		EVOLUTION TOBA3T5	
EN 166 1 BTKN / 34 BT EN170 UV 2C-1.2 <b>ANTIFOĞ</b>		EN 166 1 BT / 34 BT <b>ANTIFOĞ</b>		EN 166 1 FTN / FT EN169 5 EN175 F <b>ANTIFOĞ</b>	
PREMIUM LIPA2T5		AM - AS - UV400 - KAYNAKÇI GÖZLÜK POLİKARBONAT CAM TPE BURUN PEDİ AYARLANABİLİR SAPLAR 61 GR		EN 166 1 FT / FT EN169 UV 5 <b>ANTIFOĞ</b>	

# KAFA KORUMA ÜRÜNLERİ

## GÜVENLİK GÖZLÜKLERİ VE YÜZ KORUMALARI

VISOR HOLDER		VISOR PC ŞEFFAF		VISOR TORIC ŞEFFAF		VISORFLASH YEŞİL			
									
Koli İçi 20	Paket 1	Koli İçi 20	Paket 1	Koli İçi 20	Paket 1	Koli İçi 25	Paket 1	Koli İçi 20	Paket 1
EVOLUTION VISHONO		EVOLUTION VISORPCIN		PREMIUM VISORTOIN		PREMIUM VISORF14		EVOLUTION BALB2IN	
QUARTZ VE DIAMOND BARETLER İÇİN SİPERLİK TUTUCU VISORPC, VISTOR TORIC VE VISOR FLASH SİPERLİKLER İÇİ UNIVERSAL 86 GR		2 ADET ŞEFFAF POLİKARBONAT VIZÖR KITI - BALB2 - VISOR HOLDERİÇİN- 39 X 20 CM 100 GR		ŞEFFAF POLİKARBONAT VIZÖR - VISOR HOLDER İLE KULLANILIR ELEKTRİK ARK KORUMA 178 GR		ELEKTRİK ARKI VE TERMAL RİSKE KARŞI POLİKARBONAT ENJEKSİYON SİPERLİK. DAHA İYİ IŞIK İLETİMİ İÇİN YEŞİL TON 237 GR		ÖN KORUMALI YÜZ SİPERİ + VISORPC VIZÖR : PLASTİK KENARLI ŞEFFAF POLİKARBONAT VIZÖR. 39 x 20 CM. 354 GR	
EN166 EN1731 EN170 GS-ET 29:2011-05		EN166 1 BT		EN166 1 AT 89 EN170 UV 2C-1.2		EN166 1 FT 8 EN170 UV 2.C 1.7 GS-ET 29 8-1-0 ASTM F 2178-12 1+2 14cal/cm <sup>2</sup> ASTM		EN166 1 BT / 3 BT	

							
Koli İçi 6	Kutu içi 1	Koli İçi 100	Paket 5	Koli İçi 6	Kutu içi 1	Koli İçi 150	Paket 5
EVOLUTION BARRIER2		EVOLUTION BARRI2PPIN		EVOLUTION SCREEN		EVOLUTION SCREENPPIN	
ELEKTRİK ARK KAYNAĞI İÇİN KENDİNDEN KARARAN CAMLI BAŞLIK 9'DAN 13'E KORUMA TÜM KAYNAK TİPLERİNE UYGUN AYARLANABİLİR RENK TONUNA SAHİP KAYNAK MASKESİ 500 GR		BARRIER2 İÇİN 5 ADET POLİKARBONAT HARİCİ YEDEK CAM 38 GR		ELEKTRİK ARK KAYNAĞI İÇİN KENDİNDEN KARARAN CAMLI BAŞLIK TIG VE MIG KAYNAK UYGULAMALARINA UYGUN KAYNAK MASKESİ 474 GR		SCREEN İÇİN 5'Lİ YEDEK POLİKARBONAT SİPERLİK PAKETİ 14 GR	
EN 166:2001		1 B Cam		EN 166 1 F EN379 1/1/1/2 / 4/9 EN175 F			
EN379 1/1/1/2 / 4/5-13 EN175 B							

## KAFA KORUMA ÜRÜNLERİ

### GÜVENLİK KASKLARI VE VİZÖRLER

ONYX 2		YEDEK VİZÖR		BARET İÇLİĞİ		AIR COLTAN		GRANITE WIND			
											
Koli İçi 6	Kutu İçi 1	Koli İçi 20	Paket 1	Koli İçi 60	Paket 1	Koli İçi 20	Paket 1	Koli İçi 10	Kutu İçi 1	Koli İçi 10	Kutu1
PREMIUM ONYX2BJ - BEYAZ		PREMIUM VISONYXPRIN		PREMIUM HARNESSO2		EVOLUTION COLTAAIGRMI 3cm COLTAAINOMI 3 cm COLTAAIBMSH 5 cm COLTAAINOSH 5 cm COLTAAIGR 7 cm COLTAAIJAF 7 cm		PREMIUM GRAWIBCF  Beyaz GRAWIBLFL Mavi GRAWIJAF  Sarı GRAWIORFL Turuncu GRAWIROFL Kırmızı		PREMIUM GRAPEBCFL Beyaz GRAPEBLFL Mavi GRAPEJAF  Sarı GRAPEROF  Kırmızı	
ABS ÇİFT KABUKLU, ENTEGRE POLİKARBONAT VİZÖRLÜ BARET. ARK FLASH, 1000 VAC ELEKTRİK YALITIMI, VİZÖR K,N. ELEKTRİK ARK, ERİMİŞ METAL VE SICAK SIVI SIÇRAMASINA KARŞI KORUMALI 775 GR				ONYX İÇİN YEDEK BARET İÇLİĞİ TEKLİ PAKET 120 GR		MAKSİMUM KONFOR İÇİN HAVALANDIRMALI ŞAPKA BARET ÇIKARILABİLİR TEKSTİL KISIM 3 DEĞİŞİK VİZÖR UZUNLUĞU (3-5-7 CM) 176 GR		YÜKSEKTE ÇALIŞMA İÇİN HAVALANDIRMALI ABS BARET TEKSTİL 8 NOKTALI İÇLİK 368 GR		YÜKSEKTE ÇALIŞMA İÇİN ELEKTRİK YALITIMLI ABS BARET TEKSTİL 8 NOKTALI İÇLİK 350 GR	
EN397 MM LD -20°C +50°C 440VAC EN50365 CLASS 0						EN812 Bump Camps		EN397 MM -20°C +50°C		EN397 MM -20°C +50°C <b>440 VAC</b> EN50365:2002 CLASS 0	
EN166 1 SAT 8 9 KN Cam & 3 8 9 AT Çerçeve		EN170 2C-1.2		GS-ET 29: 8-1-0 Cam		CLASS 1 / CLASS 0 Light transmittance class = Class 1 : (50% ≤ VLT(D65) < 75%) / Class 0 : (VLT(D65) ≥ 75%).		8-1 Çerçeve			
MENTALPHA		DYNAMIC JUGALPHA		BASALPHA		JUGGAMMA		DYNAMIC JUGBETA			
											
Koli İçi 20	Paket 10	Koli İçi bARET20	Paket 10	Koli İçi 20	Paket 10	Koli İçi 20	Paket 10	Koli İçi 20	Paket 10	Koli İçi 20	Paket 10
ESSENTIAL MENTAGR		EVOLUTION JUGALDYNGR		ESSENTIAL BASALNO		ESSENTIAL JUGGANO		ESSENTIAL JUGBEDYN			
ÇENE KORUYUCULU <b>10LU</b> ELASTİK ÇENEKAYIŞI ZIRCON, QUARTZ, QUARTZ UP, SUPER QUARTZ ve BASEBALL DIAMOND BARETLER İÇİN UYGUNDUR 21 GR		QUARTZ, ZIRCON VE BASEBALL DIAMOND BARETLER İÇİN <b>10'LU</b> ÇENE KAYIŞI PAKETİ YÜKSEKTE ÇALIŞMA İÇİN 4 SABİTLEME NOKTASI 21 GR		<b>10'LU</b> KÖPÜK TER BANDI. ZIRCON, QUARTZ, QUARTZ UP, SUPER QUARTZ, BASEBALL DIAMOND, GRANITE, ONYX ve BALBİ2, VISOR-H İÇİN UYGUNDUR 21 GR		3 SABİTLEME NOKTALI ÇENE KAYIŞI GRANITE SERİSİ İLE UYUMLU 21 GR		4 SABİTLEME NOKTALI ÇENE KAYIŞI ONYX VE DIAMOND İLE UYUMLU 21 GR			

## Kafa Koruma Ürünleri Güvenlik Kaskları ve Vizörler

DIAMOND 6 WIND		DIAMOND 5		QUARTZ UP 4		QUARTZ UP 3	
							
Koli İçi 20	Paket 1	Koli İçi 20	Paket 1	Koli İçi 40	Paket 1	Koli İçi 40	Paket 1
PREMIUM		PREMIUM		EVOLUTION		EVOLUTION	
DIAM6WTRBC Beyaz DIAM6WTRJAFI Sarı DIAM6WTRROFL Kırmızı DIAM6WTRVEFL Yeşil DIAM6WTRBL Mavi DIAM6WTRNO Siyah DIAM6WTRNOCA Karbon Siyah		DIAM5BCFL Beyaz DIAM5ROFL Kırmızı DIAM5JAFI Sarı DIAM5BLFL Mavi DIAM5VEFL Yeşil DIAM5NO Siyah DIAM5GRJAFI Gri-Sarı		QUARUP4BC Beyaz QUARUP4BL Mavi QUARUP4JA Sarı QUARUP4RO Kırmızı QUARUP4VE Yeşil QUARUP4OR Turuncu		QUARUP3BC Beyaz QUARUP3BL Mavi QUARUP3JA Sarı	
ABS GÜVENLİK BARET HAVALANDIRMALI "BEYZBOLKEPI" ŞEKLİNDE - ROTOR® AYARLI 374 GR		ABS GÜVENLİK BARET "BEYZBOL KEPI" ŞEKLİNDE - ROTOR® AYARLI 404 GR		HAVALANDIRMALI POLİPROPİLEN GÜVENLİK BARETİ - ROTOR® AYARLI 350 GR		POLİPROPİLEN GÜVENLİK BARETİ - ROTOR® AYARLI ELEKTRİK YALITIMLI 350 GR	
EN397 MM LD -30°C +50°C		EN397 MM LD -30°C +50°C 440VAC  EN50365 CLASS 0		EN397 MM -30°C +50°C		EN397 MM -30°C +50°C 440VAC  EN50365 CLASS 0	
HARNE6		HARNE5		HARNE4			
							
Koli İçi 10	Paket 10	Koli İçi 10	Paket 10	Koli İçi 15	Paket 10		
DIAMOND 6 İÇİN YEDEK TEKSTİL İÇLİK. 10'LU PAKET		DIAMOND 5 İÇİN YEDEK TEKSTİL İÇLİK. 10'LU PAKET		QUARTZUP 3 VE QUARTZUP 4 İÇİN YEDEK TEKSTİL İÇLİK. 10'LU PAKET			
SİYAH		SİYAH		SİYAH			

# KAFA KORUMA ÜRÜNLERİ

## KULAK KORUYUCULAR

MAGNY HELMET 2		MAGNY COURS 2		INTERLAGOS 2		INTERLAGOS LIGHT		INTERLAGOS LIGHT HE		INTERLAGOS NB2R	
											
Koli İçi 20	Kutu İçi 1	Koli İçi 20	Kutu İçi 1	Koli İçi 20	Kutu İçi 1	Koli İçi 50	Kutu İçi 1	Koli İçi 20	Kutu İçi 10	Koli İçi 20	Kutu İçi 1
PREMIUM		PREMIUM		EVOLUTION		EVOLUTION		EVOLUTION		EVOLUTION	
MAGN2HENO		MAGN2NO		INTERGR2		INTERLIGHT		INTERLIGHTHE		INTERNB	
SİYAH		SİYAH		GRİ		GRİ		GRİ		GRİ	
QUARTZ, GRANITE ve DIAMOND İÇİN ABS GÖVDELİ KULAK KORUYUCU. TEK VEYA VISOR HOLDER İLE KULLANILABİLİR. 286 GR		ABS GÖVDELİ KULAK KORUYUCU METAL KAFA BANDI  338 GR		ABS GÖVDELİ ÇİFT PLASTİK KAFA BANTLI KULAK KORUYUCU  286 GR		ABS GÖVDELİ VE KAFA BANTLI KULAK KORUYUCU  200 GR		ABS BARETE TAKILABİLİR KULAKLIK GRANITE, QUARTZ VE DIAMOND İLE UYUMLU  249 GR		BOYUN ARKASINDAN TAKILAN METAL YAY VE ABS GÖVDELİ KULAK KORUYUCU  247 GR	
EN352-1 SNR 30 dB H 32 M 28 L 22		EN352-1 SNR 33 dB H 34 M 32 L 25		EN352-1 SNR 29 dB H 30 M 28 L 20		EN352-1 SNR 26 dB H 30 M 25 L 15		EN352-1 SNR 26 dB H 28 M 24 L 16		EN352-1 SNR 27 dB H 33 M 26 L 15	
CONICFIT 100		CONICFIR 050		CONICCO2 200		CONIC2 200		CONIC DISPLAY		CONIC2 500	
											
Koli İçi 10	Kutu İçi 100	Koli İçi 20	Kutu İçi 50	Koli İçi 5	Kutu İçi 200	Koli İçi 5	Kutu İçi 200	Koli İçi 4	Paket 1	Koli İçi 5	Kutu İçi 1000
EVOLUTION		PREMIUM		EVOLUTION		ESSENTIAL		EVOLUTION		ESSENTIAL	
CONICFIT100OR		CONICFIR050OR		CONICCO200JA		CONIC2200JA		CONICDISGR		CONIC500JA	
TURUNCU		SİYAH		KIRMIZI		KIRMIZI		KIRMIZI		KIRMIZI	
KOLAY KULLANILABİLİR TEK KUTUDA 100 ÇİFT SİLİKON TEKRAR KULLANILABİLİR KULAK TIKACI PVC İP  547 GR		TEK KUTUDA 50 ÇİFT KORDONLU YENİDEN KULLANILABİLİR TERMOPLASTİK KULAK TIKACI KUTUSU DAHİL  500 GR		200 ÇİFT PLASTİK İPLİ TEK KULLANIMLIK PU KÖPÜK KULAK TIKACI KUTULU-  215 GR		200 ÇİFT PU KÖPÜK KULAK TIKACI  1.300 GR		KULAK TIKACI DISPENSER - 500 ÇİFT CONIC500 DAHİL -  520 GR		500 ÇİFT PU KÖPÜK KULAK TIKACI KUTUSU - CONICDISGR DISPENSER DOLUM İÇİN -  520 GR	
EN352-2 SNR 32 dB H 32 M 29 L 28		EN352-2 SNR 34 dB H 33 M 32 L 31		EN352-2 SNR 37 dB H 37 M 35 L 30		EN352-2 SNR 37 dB H 37 M 35 L 30		EN352-2 SNR 37 dB H 37 M 35 L 30		EN352-2 SNR 37 dB H 37 M 35 L 30	

# KAFA KORUMA ÜRÜNLERİ

## MASKELER

M9300 GALAXY STRAP		M9000 ABEK2		M9000 ABEK2P3		M9000 A2P3			
									
Koli İçi 6	Kutu İçi 1	Koli İçi 10	Kutu İçi 4	Koli İçi 10	Kutu İçi 4	Koli İçi 10	Kutu İçi 4		
PREMIUM		PREMIUM		PREMIUM		PREMIUM			
SİYAH		KAHVERENGI-GRI-SARI-YEŞİL		KAHVERENGI-GRI-SARI-YEŞİL BEYAZ		KAHVERENGI-BEYAZ			
KAYIŞ AYARLAMALI TAM YÜZ MASKE POLİKARBONAT CAM (210°) BUĞUYU AZALTMAK İÇİN İÇERİDE SİLİKON YARIM MASKE (3 NEFES ALMA VALFİ, 1 NEFES VERME VALFİ, SES SİSTEMİ) AYARLANABİLİR BEDEN. M9000 SERİSİ FİLTRELER İLE UYUMLU, FİLTRE AYRI SATILIR. SAKLAMA ÇANTASI DAHİL  616 GR		TAM YÜZ MASKELER İÇİN 4'LÜ A2B2E2K2FILTRE		TAM YÜZ MASKELER İÇİN 4'LÜ A2B2E2K2P3FILTRE		TAM YÜZ MASKELER İÇİN 4'LÜ A2P3 FİLTRE			
EN136 SINIF 3 EN148-1		EN148-1 EN14387 A2B2E2K2		EN148-1 EN14387 A2B2E2K2P3		EN148-1 EN14387 A2P3R			
M6400		M6000 ABEK1		M6000 P3		M6000 A2		M6000 PREP3	
									
Koli İçi 20	Kutu İçi 1	Koli İçi 30	Kutu İçi 2	Koli İçi 30	Kutu İçi 2	Koli İçi 30	Kutu İçi 2	Koli İçi 30	Kutu İçi 2
EVOLUTION		EVOLUTION		EVOLUTION		EVOLUTION		EVOLUTION	
M6400GT		M6000ABEK1		M6000P3R		M6000A2R		M6000PREP3R	
GRİ-SİYAH		KAHVERENGI-GRI-SARI-YEŞİL		BEYAZ		KAHVERENGI		BEYAZ	
KONFORLU YARIM MASKE, M6000 SERİSİ 2 FİLTRE İLE KULLANILIR FİLTRE AYRI SATILIR  66 GR		M6200 - M6100 - M6400 YARIM MASKELER İÇİN 2 ADET A1B1E1K1 FİLTRE KARTUŞU		M6200 - M6100 - M6400 YARIM MASKELER İÇİN 2 ADET P3 FİLTRE KARTUŞU		M6200 - M6100 - M6400 YARIM MASKELER İÇİN 2 ADET A2 FİLTRE KARTUŞU		M6200 - M6100 - M6400 YARIM MASKELER İÇİN 2 ADET P3 PREFILTERS ve 2 ADAPTATORS	
EN140		EN14387 A1B1E1K1		EN14387 P3R		EN14387 A2		EN14387 P3R	

# KAFA KORUMA ÜRÜNLERİ

## TEK KULLANIMLIK MASKELER

M1300V FFP3		M1300VB FFP3		M1305V FFP3		M1305VW FFP3	
							
Koli İçi 10	Kutu içi 5	Koli İçi 10	Kutu içi 10	Koli İçi 10	Kutu içi 10	Koli İçi 10	Kutu içi 10
PREMIUM		EVOLUTION		EVOLUTION		EVOLUTION	
M1300VC		M1300VBC		M1304VC/M1305VC		M1304VWC/M1305VWC	
BEYAZ		BEYAZ		BEYAZ		GRİ	
5'LIK KUTU VENTİLLİ FFP3 DOLOMIT KALIPLI TOZ MASKESİ FFP3 NR D		10'LUK KUTU VENTİLLİ FFP3 DIKEY KATLANAN TOZ MASKESİ - TEK POŞET - FFP3 NR D		10'LUK KUTU FFP3 KALIPLI VENTİLLİ MASKE-DOLOMIT FFP3 NR D		10'LUK KUTU AKTİF KARBON FFP3 VENTİLLİ MASKE. 4 KATLI. BURUN KLİPSİ. DOLOMIT FFP3 NR D	
EN149		EN149		EN149		EN149	
M1200V FFP2		M1200VB FFP2		M1200VW FFP2		M1205V FFP2	
							
Koli İçi 10	Kutu içi 10	Koli İçi 10	Kutu içi 10	Koli İçi 10	Kutu içi 10	Koli İçi 10	Kutu içi 10
EVOLUTION		EVOLUTION		EVOLUTION		EVOLUTION	
M1200VC		M1200VBC		M1200VWC		M1204VC/ M1205VC	
BEYAZ		BEYAZ		GRİ		BEYAZ	
10'LUK KUTU FFP2 KALIPLI VENTİLLİ MASKE-DOLOMIT FFP2 NR D		10'LUK KUTU VENTİLLİ FFP2 DIKEY KATLANAN TOZ MASKESİ - TEK POŞET - DOLOMIT FFP2 NR D		ORGANİK BUHARLAR İÇİN 10'LU KUTUDA AKTİF KARBON VENTİLLİ FFP2 MASKE. AYARLAMA İÇİN BURUN KLİPSİ, KLİPS ALTINDA KÖPÜK KENAR - DOLOMIT FFP2 NR D		10'LUK KUTU FFP2 KALIPLI VENTİLLİ MASKE-DOLOMIT FFP2 NR D	
EN149		EN149		EN149		EN149	

## EL KORUMA ÜRÜNLERİ

VECUF01		VECU00		VECU03		VECU04		VECU05	
									
Koli İçi 60		Paket 12		Koli İçi 60		Paket 12		Koli İçi 60	
PREMIUM		PREMIUM		PREMIUM		PREMIUM		PREMIUM	
VECUF01NO		VECU00BL		VECU03GR		VECU04NO		VECU05NO	
GRİ SİYAH		MAVİ		SİYAH		SİYAH		SİYAH	
7-8-9-10		7-8-9-10		7-8-9-10		8-9-10		7-8-9-10	
ÖRME XTREMCUT YÜKSEK PERFORMANSLI FİBER. NİTRİL KÖPÜK KAPLAMA - BAŞPARMAK ARASI EK DESTEK - UZUN KONÇ ÖLÇÜ 13		KAPLAMASIZ SOFTnocut UZUN KONÇLU GIDA UYUMLU ELDİVEN ÖLÇÜ 15 		ÖRME DELTANOCUT® + AVUÇ İÇİ ÇİFT NİTRİL MİKRO KÖPÜK KAPLAMA ELDİVEN - UZUN KONÇ - PARMARASI TAKVİYE - UZUN KONÇ ÖLÇÜ 15		ÖRME DELTANOCUT® TAM NİTRİL + AVUÇ İÇİ ÇİFT NİTRİL KAPLAMAELDİVEN UZUN KONÇ - 10 CM ÖLÇÜ 13		DELTAnocut CARBON AVUÇIÇI VE PARMARLAR PU KAPLAMA SOLVENT, SİLİKON, DMF İÇERMEYEN ANTİSTATİK ELDİVEN - ÖLÇÜ-18 	
EN420 5 EN388 4X43F		EN420 5 EN388 4X43D		EN420 5 EN388 4X43D		EN420 5 EN388 3X43D		EN420 5 EN388 3X41D EN407 X1XXXX EN16350   	
VECU0X0		VECU02		VV910		ECONOCUTDM1		VECU08	
									
Koli İçi 60		Paket 12		Koli İçi 60		Paket 12		Koli İçi 40	
EVOLUTION		EVOLUTION		PREMIUM		ESSENTIAL		ESSENTIAL	
VECU0X0GJ		VECU02GJ		VV910JA		ECONOCUTDM1GR		VECU08GRG3	
GRİ		GRİ		GRİ/SARI		GRİ		GRİ	
9-10		7-8-9-10		8-9-10-11		STANDART		7-8-9-10	
TAEKI® 5 YÜKSEK PERFORMANSLI POLİETİLEN ELYAF.YARMA DERİ - ÖLÇÜ 10		HEATnocut® YÜKSEK PERFORMANSLI POLİETİLEN ELYAF. AVUÇ İÇİ VE PARMARLAR LATEX KAPLAMA - ÖLÇÜ 10		METAKARPAL KORUMA; KESİLMEMEYERŞİ DAYANIKLI - ÇİFT NİTRİL KAPLAMA - SIRT VE PARMAR UÇLARINDA NEOPREN GÜÇLENDİRME		BİR ÇİFT ECONOCUT® BAŞPARMAK DELİKLİ ÖRME KOLLUK - UZUNLUK 55 CM -ÖLÇÜ 13		ECONOCUT® YÜKSEK PERFORMANSLI POLİETİLEN ELYAF.PÜ KAPLAMA. ÖLÇÜ13. <b>3'LÜ PAKET</b>	
EN420 5 EN388 4X42D EN407 X2XXXX 		EN420 5 EN388 3X42D EN407 X2XXXX 		EN420 5 EN388 4X42DP EN13594 4.1.3/6.8.2.		EN420 5 EN388 2X4XD		EN420 5 EN388 4X42D	

# EL KORUMA ÜRÜNLERİ

VV914		KPG10		VENICUTCM1		VECUTB05		VECUTB04	
									
Koli İçi 60	Paket 12	Koli İçi 36	Paket 6	Koli İçi 60	Paket 12	Koli İçi 60	Paket 12	Koli İçi 40	Paket 4
PREMIUM		EVOLUTION		EVOLUTION		PREMIUM		ESSENTIAL	
VV914KV		KPG1009		VECUTCM1GJ		VENICUTB05		VECUTB04GRG3	
SARI SİYAH		SARI		GRİ		SİYAH		GRİ	
8-9-10-11		STANDART		STANDART		7-8-9-10		6-7-8-9-10	
<b>ELEKTRİK ARK ELDİVENİ</b> PARAMİD / FİBERGLASS / MODAKRİ DOKUMALIK DOKUMAAVUÇ İÇİ VE PARMAK UÇLARINDA KÖPÜK NEOPREN KAPLAMA ÖLÇÜ 7 ATPV : 50 cal/cm <sup>2</sup> AVUÇ İÇİNDE		Para-Aramid ISI YALITIMLI - DIŞI KEVLAR® - İÇİ PAMUK - ELASTİK BİLEK 10 CM ÖLÇÜ 7		<b>BİR TEK</b> TAEKI® 5 YÜKSEK PERFORMANSLI POLİETİLEN ELYAF. PARMAK DELİĞİ VE DOKUMA KOL. ÖLÇÜ 13. UZUNLUK 45 CM MANŞET		PU KAPLI ELEKTROSTATİK ÖZELLİKLİ B SEVİYE KESİLME DİRENÇLİ ÖRGÜ ELDİVEN. ULTRA HASSAS DOKUNUŞ ÖLÇÜ: 18 		ECONOCUT® YÜKSEK PERFORMANSLI POLİETİLEN ELYAF.PU KAPLAMA. ÖLÇÜ13. <b>3'LÜ PAKET</b>	
EN ISO 21420 EN388 3X43E EN407 42XXXX ASTM-F-2675M CAL/CM <sup>2</sup> 50	 	EN ISO 21420 1X4XD EN407 42XXXX		EN420 5 EN388 3X4XC EN407 X1XXXX	 	EN420 5 EN388 3X31B EN407 X1XXXX EN16350	 	EN420 5 EN388 3X42B	
VE723		VE724		VE725		VV636		VE733	
									
Koli İçi 120	Paket 12	Koli İçi 120	Paket 12	Koli İçi 120	Paket 12	Koli İçi 120	Paket 12	Koli İçi 120	Paket 12
PREMIUM		ESSENTIAL		EVOLUTION		ESSENTIAL		EVOLUTION	
VE723NO		VE724NO		VE725NO		VV636BL		VE733OR	
SİYAH		SİYAH		SİYAH		MAVİ/SİYAH		TURUNCU/MAVİ	
7-8-9-10-11		7-8-9-10-11		7-8-9-10-11		7-8-9-10		7-8-9-10-11	
POLYESTER/SPANDEX ÖRME ELDİVEN KÖPÜK NİTRİL KAPLI AVUÇ İÇİ VE PARMAKLAR ÖLÇÜ 15		POLYESTER/SPAND EX ÖRME ELDİVEN NOKTALI VE KÖPÜK NİTRİL KAPLI AVUÇİÇİ VE PARMAKLAR ÖLÇÜ 15		POLYESTER/SPANDEX ÖRME ELDİVEN ¾ NOKTALI VE KÖPÜK NİTRİL KAPLI ÖLÇÜ 15		TAM NİTRİL KAPLI,AVUÇ İÇİ VE PARMAKLAR ÇİFT NİTRİL (NİTRİL ÜZERİ KÖPÜK NİTRİL) KAPLI ELDİVEN ÖLÇÜ 15		100% POLYESTER DOKUMA, LATEX KAPLAMA AVUÇ İÇİ KABARTMALI KAPLAMA ELDİVEN SU İTME VE ISI DAYANIMI ÖLÇÜ 13	
EN420: 5 EN388 4121X		EN420 5 EN388 4121X		EN420 5 EN388 4121X		EN420 5 EN388 3121X		EN420 5 EN388 2141A EN407 X2XXXX	

# EL KORUMA ÜRÜNLERİ

VV792 ESD		VV750		VV736		VV904		VE702PG	
									
Koli İçi 120	Paket 12	Koli İçi 60	Paket 10	Koli İçi 60	Paket 12	Koli İçi 60	Paket 12	Koli İçi 240	Paket 12
EVOLUTION		PREMIUM		PREMIUM		PREMIUM		ESSENTIAL	
VV792BC		VV750NO		VV736BL		VV904JA		VE702PG	
GRİ		SİYAH		MAVİ		GRİ		GRİ	
7-8-9-10		9-10		9-10-11		10,11		6-7-8-9-10	
ANTİSTATİK BAKIR / POLİAMİT ÖRGÜ ELDİVEN - PARMAKLARDA PU KAPLAMA ÖLÇÜ 15		AKRILIK / POLİAMİD ELDİVEN, AVUÇ İÇİ, PARMAKLAR VEYARIM SIRT KÖPÜKNİTRİL KAPLAMA		AKRILIK / POLİAMİD ELDİVEN - TAM LATEX KAPLAMA - ÇİFT KAPLAMA		METAKARPAL KORUMA - TITREŞİM ÖNLEYİCİ KLOOROPEN KAUCUK DOLGU İLE GÜÇLENDİRİLMİŞ AVUÇ İÇİ VE PARMAK UÇLARI - NEOPREN SIRT GÜÇLENDİRMESİ		%100 ÖRGÜ POLİÜRETAN AVUÇIÇI KAPL. POLYESTER ELDİVEN ÖLÇÜ 13	
EN420 5 EN388:2016 X13XX EN16350:2014 < 1 x 10 <sup>5</sup>		EN420 5 EN388 3221X EN511 X2X		EN420 5 EN388 2231B EN511 121 EN407 X2XXXX		EN420 1 EN388 4242XP EN/ISO10819		EN420 5 EN388 3121X	
				  					
TER300		TIG15K		CRYOG		FBN49		FBF15 6	
									
Koli İçi 60	Paket 6	Koli İçi 36	Paket 6	Koli İçi 36	Paket 6	Koli İçi 120	Paket 12	Koli İçi 60	Paket 6
EVOLUTION		EVOLUTION		PREMIUM		ESSENTIAL		ESSENTIAL	
TER300		TIG15K		CRYOG10		FBN49		FBF15	
MAVİ-SARI		GRİ		GRİ-BEJ		BEYAZ		SARI	
9-10		8-9-10		10		9-10		10	
THT İLE İŞLENMİŞ İSİYA DAYANIKLI DANA DERİSİ. AVUÇ İÇİNDE DERİ TAKVİYE. EL VE MANŞETLERİ PAMUK ASTARLI. KEVLAR® İPLİK DİKİŞLİ. AMERİKAN KESİM. UZUNLUK : 40 CM. KALINLIK > 1,2 MM		SİRÇALI KEÇİ DERİSİ. SPLİTSİĞİR DERİSİ MANŞET KEVLAR® İPLİK DİKİŞLİ. AMERİKAN KESİM MANŞET : 15 CM UZUNLUK: 35 CM. KALINLIK : 0,8-1,0 MM		SU İTİCİ KRYOJENİK DERİ ELDİVEN SİRÇALI SİĞİR DERİSİ (TECHNICUIR) ALUMİNİZE POLYESTER ARAPARÇA. SİĞİR DERİSİ BÖLÜN MÜŞ DERİ MANŞET. KEVLAR® DİKİŞLİ AMERİKAN KESİM 20 CM MANŞET UZUNLUK : 40 CM. KALINLIK 1,1-1,3 MM		YARMA SİĞİR DERİSİ - AMERİKAN MONTAJ		İŞLENMİŞ SİĞİR DERİSİ ELDİVEN, İÇ YÜZEYİ AKRILIK YÜN KAPLAMA  KALINLIK 1-1.2 MM	
EN ISO 21420 EN388: 3144X EN407 43314X EN12477 TİP A		EN420 EN388 2111X EN407 41XX4X EN12477 TİP B		EN420 EN388 2222X EN511 23X EN407		EN420 5 EN388 3122X		EN420 5 EN388 2132X EN 511 240	
									

# EL KORUMA ÜRÜNLERİ

VV835 ANTICUT		VE766		VE780		VE920		VE509	
									
Koli İçi 60	Paket 6	Koli İçi 60	Paket 6	Koli İçi 120	Paket 12	Koli İçi 120	Paket 12	Koli İçi 120	Paket 12
PREMIUM		PREMIUM		PREMIUM		EVOLUTION		EVOLUTION	
VV835CUTVE		VE766BL		VE780BL		VE920BL		VE509NO	
YEŞİL		MAVİ		MAVİ		MAVİ		SİYAH	
8-9-10		8-9-10		9-10		6/7-7/8-8/9-9/10-10/11		6/7-7/8-8/9-9/10-10/11	
C SEVİYE KESİLME DİRENCİ VE 100 DERECE TEMAS ISISI DAYANIMLI NİTREX KİMYASAL ELDİVEN KESİLME DİRENÇLİ ASTARDA YÜKSEK GÖRÜNÜRLÜK 34 CM UZUNLUK 1.7 MM KALINLIK		KİMYASAL PVC PAMUK DOKUMA ASTAR ÜSTÜNE PVC 62 CM UZUNLUK KALINLIK 1.3 MM		PAMUK JARŞE ASTAR ÜSTÜNE TAM PVC KAPLAMA - HIDROKARBÜR - 30 CM ÖLÇÜ 13 KALINLIK 1.3 MM		PAMUK FLOKLU LATEKS ELDİVEN - UZUNLUK 30 CM - 100 DERECE ISI TEMAS DAYANIMI KALINLIK 1.25 MM		PAMUK FLOKLU NEOPREN ELDİVEN - UZUNLUK 30 CM - KALINLIK 0,75 MM -	
EN420 5 EN388 4X42C EN407 X1XXXX EN ISO 374-1 TİP B JKL EN ISO 374-5 BAKTERİ MANTAR		EN420 5 EN388 4131X EN ISO 374-1 TİP B JKL EN ISO 374-5 BAKTERİ MANTAR		EN420 5 EN388 4131X EN ISO 374-1 TİP B JKL EN ISO 374-5 BAKTERİ MANTAR		EN420 5 EN388 4121X EN ISO 374-1 TİPA AKLMNPT EN ISO 374-5 BAKTERİ MANTAR		EN420 5 EN388 3110X EN ISO 374-1 TİP A AKLMNOPT EN ISO 374-5 BAKTERİ MANTAR	

VE846		VE802 NITREX		VE801 NITREX		VE330		V1400B100	
<b>R</b>									
									
Koli İçi 36	Paket 12	Koli İçi 120	Paket 12	Koli İçi 120	Paket 12	Koli İçi 144	Paket 12	Koli İçi 10	Paket 1
EVOLUTION		EVOLUTION		ESSENTIAL		PREMIUM		EVOLUTION	
VV835VE		VE802VE		VE801VE		VE330BJ		V1400B100	
YEŞİL		YEŞİL		YEŞİL		SARI-MAVİ		MAVİ	
8/9-9/10-10/11		6/7-7/8-8/9-9/10-10/11		8-9-10				6/7 -7/8 -8/9-9/10	
ÖNKOL KORUMASI İÇİN UZUN PAMUK FLOKLU NİTRİL ELDİVEN UZUNLUK 46 CM KALINLIK 0.55 MM		PAMUK FLOKLU NİTRİL ELDİVEN - UZUNLUK 33 CM KALINLIK 0.38 MM		PAMUK FLOKLU NİTRİL ELDİVEN - UZUNLUK 33CM KALINLIK 0.40 MM		PAMUK ASTARLI LATEX ÇİFT DALDIRMA 30 CM KALINLIK 0.60 MM		100'LÜK KUTU TEK KULLANIMLIK PUDRASIZ NİTRİL ELDİVEN- AQL 1,5 KALINLIK 0.07 MM LATEX, SİLİKON, DMF İÇERMEZ  	
EN420 5 EN388 4102X EN ISO 374-1 TİP A AGJKLMOPT EN ISO 374-5 BAKTERİ MANTAR		EN420 5 EN388 4101X EN ISO 374-1 TİP A AJKLMOPT EN ISO 374-5 BAKTERİ MANTAR		EN420 5 EN388 3101X EN ISO 374-1 TİP B JKL EN ISO 374-5 BAKTERİ MANTAR ISO 18889:2019 G2		EN420 5 EN388 1010X EN ISO 374-1 TİP A AKLMNPT EN ISO 374-5 BAKTERİ MANTAR		EN420 5 EN ISO 374-1 TİP B JKT EN ISO 374-5 BAKTERİ MANTAR EN455-1 / EN455-2/ EN455-3	

# VÜCUT KORUMA ÜRÜNLERİ

## TEK KULLANIMLIK TULUMLAR /PVC ÖNLÜK

DT300		DT117		DT115		DT215		TABALPV	
									
Koli İçi 20	Paket 1	Koli İçi 20	Paket 1	Koli İçi 50	Paket 1	Koli İçi 50	Paket 1	Koli İçi 50	Paket 1
PREMIUM DT300		EVOLUTION DT117		EVOLUTION DT115		EVOLUTION DT215		ESSENTIAL TABALPV	
SARI		BEYAZ		BEYAZ		BEYAZ		BEYAZ	
M-L-XL-XXL		M-L-XL-XXL		M-L-XL-XXL		M-L-XL-XXL		STANDARD	
DELTAHEM® KAPÜŞONLU TULUM		DELTATEK 5000® KAPÜŞONLU TULUM		KAPÜŞONLU TULUMLAR		KAPÜŞONLU TULUMLAR		PVC ÖNLÜK BOYUNDAN AYARLAMA 120 CM X 90 CM KALINLIK: 0,30MM	
EN ISO 13688 EN14605 TİP 3B 4B EN ISO 13982 TİP 5B EN13034 TİP 6B EN14126 EN1073-2 SINIF 1 EN1149-5		EN ISO 13688 EN ISO 13982 TİP 5B EN13034 TİP 6B EN14126 EN1073-2 SINIF 1 EN1149-5		EN ISO 13688 EN ISO 13982- TİP 5B EN13034 TİP 6B EN1149-5		EN ISO 13688 EN ISO 13982 TİP 5B EN13034 TİP 6B			

## İŞ KİYAFETLERİ

M5PA2		M5VE3		M2PA3		M2VE3		M2GI3		ZIMA	
											
Koli İçi 10	Paket 1	Koli İçi 10	Paket 1	Koli İçi 10	Paket 1	Koli İçi 10	Paket 1	Koli İçi 10	Paket 1	Koli 10	Pake t 1
PREMIUM M5PA3GN		PREMIUM M5VE3GN		EVOLUTION M2PA3GO		EVOLUTION M2VE3GO		EVOLUTION M2GI3GO		EVOLUTION ZIMANO	
GRİ		GRİ		GRİ		GRİ		GRİ		SİYAH	
S-M-L-XL-XXL-3XL		S-M-L-XL-XXL		S-M-L-XL-XXL		S-M-L-XL-XXL		S-M-L-XL-XXL		STANDARD	
MACH 5 PANTOLON DÜZ KESİM ARKA VE ÖN ELASTİK BEL. DİZLİK YERİ 10 CEP 40% POLYESTER 60% PAMUK 280 g/m <sup>2</sup>		MACH 5 9 CEPLİ YELEK 40% POLYESTER 60% PAMUK 290 g/m <sup>2</sup>		MACH 2 PANTOLON DÜZ KESİM ARKA VE ÖN ELASTİK BEL. DİZLİK YERİ 7 CEP 65% POLYESTER 35% PAMUK 245 g/m <sup>2</sup>		MACH 2 CEKET - ELASTİK BİLEKLER ÖN VE ARKA ELASTİK BEL 1 İÇ TOPLAM 7 CEP 65% POLYESTER - 35% PAMUK 245 g/m <sup>2</sup>		MACH 2 ÇOK CEPLİYELEK 65% POLYESTER 35% PAMUK 245 g/m <sup>2</sup>		DIŞI KAYMAZ BİRÇİFT JEL DİZLİK. DİZİ KORUMAK İÇİN AYARLANABİLİ R ELASTİK BANT	
EN ISO 13688 EN14404 DİZ KORUMA TİP2 SEVİYE 1		EN ISO 13688		EN ISO 13688 EN14404 DİZ KORUMA TİP2 SEVİYE 0		EN ISO 13688		EN ISO 13688		EN ISO 13688 EN14404 TİP1 & TİP2	

# VÜCUT KORUMA ÜRÜNLERİ

## KIŞLIK ÜRÜNLER

SPEED		OPTIMUM3		EASYVIEW	
					
ESSENTIAL SPEEDJM		EVOLUTION OPTI3JMG		ESSENTIAL EASYVJM	
S,M,L,XL,XXL,3XL		S,M,L,XL,XXL,3XL		S,M,L,XL,XXL,3XL	
HV PU KAPLI OXFORD POLYESTER 5'i 1 ARADA MONT - SINIF 3 - ÇIKARILABİLİR VÜCUT ISITICI- SINIF 2		SU GEÇİRMEZ 5'i 1 ARADA MONT - SINIF 3 - ÇIKARILABİLİR VÜCUT ISITICI- SINIF 2		HV PU KAPLI OXFORD POLYESTER - SINIF 3 - ÇIKARILABİLİR VÜCUT ISITICI- SINIF 2	
EN ISO 13688		EN ISO 13688		EN ISO 13688	
EN343 3 1* X		EN343 3 1* X		EN343 3 1* X	
EN ISO 20471 PARKA/MONT/VÜCUT ISITICI 3/3/2		EN342 0,386 m <sup>2</sup> K/W (B) / 2 / X		EN ISO 20471 PARKA/MONT/VÜCUT ISITICI 3/3/2	
					
MILTON2		AREN		MYSEN2	
					
Koli İçi 10		Koli İçi 10		Koli İçi 10	
Paket 1		Paket 1		Paket 1	
PREMIUM MILT2NO		EVOLUTION ARENNO		EVOLUTION MYSE2GN Erkek - MYS2FGN Kadın	
SİYAH		SİYAH		GRİ	
S,M,L,XL,XXL,3XL		S,M,L,XL,XXL,3XL		S,M,L,XL,XXL,3XL	
SU GEÇİRMEZ NEFES ALIR PARKA 6 CEPLİ İÇ MANŞETLER		SU GEÇİRMEZ DİKİŞLİ PARKA. ÇITÇITLI AYARLANABİLİR MANŞETLER. 1 FERUARLI İÇ OLMAK ÜZERE 4 CEP. 2 KATMANLI		MACH2 SERİSİ İLE UYUMLU ÇIKARILABİLİR KOLLARI İLE YELEKOLABİLEN <b>SOFTSHELL</b> CEKET 5 CEPLİ	
EN ISO 13688		EN ISO 13688		%96 POLYESTER %4 ELASTANKADIN VE ERKEK KESİMİ	
		EN343 31*X			

# AYAK KORUMA ÜRÜNLERİ

## AYAKKABI VE BOTLAR

MIAMI S1P SRC		COMO S1P SRC		BROOKLYN S3 SRC HRO	
					
Koli İçi 10	Kutu İçi 1	Koli İçi 10	Kutu İçi 1	Koli İçi 10	Kutu İçi 1
ESSENTIAL		ESSENTIAL		PREMIUM	
MIAMISPGB Mavi MIAMISPNO Siyah SİYAH-MAVİ		COMOSPBL LACİVERT		BROOKS3NO SİYAH	
35-48		39-48		39-47	
POLYESTER / PAMUK AYAKKABI -TEK YOĞUNLUKLU PU DIŞ TABAN -METAL BURUN KORUMA ÇIKARILABİLİR İÇ TABANLIK		SÜET YARMA DERİ VE POLYESTER AĞ. ÇIKARILABİLİR ÖNCEDEN KALIPLANMIŞ EVA ÜZERİNE POLYESTER İÇ. YÜKSEK ESNEKLİK ENJEKTE TEK YOĞUNLUKLU PU DIŞ TABAN - METAL BURUN		PIGMENTLİ YARMA DERİ AYAKKABI - NUBUK VE NAYLON MESH - PU/LASTİK TABAN - KOMPOZİT BURUN VE İÇ TABAN KAUÇUK DIŞ TABAN	
442 GR		508 GR		524 GR	
EN ISO 20344 EN ISO 20345 S1P SRC		EN ISO 20344 EN ISO 20345 S1P SRC		EN ISO 20344 EN ISO 20345 S3 HRO SRC	
GOBI S3 SRC		TAKU S3 SRC CI		TW402 S3 SRC HRO HI CI	
					
Koli İçi 5	Kutu İçi 1	Koli İçi 5	Kutu İçi 1	Koli İçi 5	Kutu İçi 1
EVOLUTION		EVOLUTION		PREMIUM	
GOBIS3MA KAHVERENGİ		TAKUS3MA KAHVERENGİ		TW402S3NO SİYAH	
36-48		36-48		40-48	
PU KAPLI YARMA İNEK DERİ BOTSUYA DAYANIKLI S3 VE PU KAPLAMALI SÜET YARMA DERİ ÜST. EMİCİ 3D FİLE ASTAR EVA ÜZERİ POLYESTER ÇIKARILABİLİR TABAN. ÇİFT YOĞUNLUKLU PU ENJEKTE DIŞ TABAN KOMPOZİT BURUN METAL ARA TABAN		PU KAPLAMALI PİGMENTLİ YARMA DERİ VE İNEK DERİKÜRK ASTARLI BOT İ SUYA DAYANIKLI S3 VE PU KAPLAMALI SÜET YARMA DERİ ÜST. POPLYESTER KÜRK İÇ ASTAR. EVA ÜZERİNE POLYESTER ÇIKARILABİLİR TABAN. -30°C DAYANIMLI ÇİFT YOĞUNLUKLU PU ENJEKTE DIŞ TABAN KOMPOZİT BURUN METAL ARA TABAN		PIGMENTLİ YARMA DERİ BOT- PU/LASTİK TABAN - KOMPOZİT BURUN VE İÇ TABAN 300°C'YE KADAR TEMAS ISISINA DAYANACAK ŞEKİLDE TASARLANMIŞ TABAN TABAN TUTUŞU SAYESİNDE YÜKSEK STABİLİTE	
670 GR		740 GR		972 GR	
EN ISO 20344 EN ISO 20345 S3 CR SRC		EN ISO 20344 EN ISO 20345 S3 CI CR SRC		EN ISO 20344 EN ISO 20345 S3 HRO HI CI SRC	

## ÇİZMELER

### NICKEL S5 CI SRC



Koli İçi  
6

Paket  
1

EVOLUTION  
NICKES5NO

SİYAH

39-46

PVC ÇİZME POLYESTER KÜRK KAPLAMA İÇ SAYESİNDE YALITIM ÖZELLİĞİ GİYİM KOLAYLIĞI İÇİN İKİ YANDA KULAKÇIKLAR. ÇELİK BURUN ÇELİK TABAN KORUMA. TABAN : PVC 27 CM

1200 GR

EN ISO 20344

EN ISO 20345  
S5 CI  
SRC

### COPPER S5 SRA



Koli İçi  
6

Paket  
1

ESSENTIAL  
COPPE5VE

YEŞİL

39-48

PVC ÇİZME. İÇ KAPLAMASI POLYESTER. AYAK BİLEĞİ KORUMA ARKA TARAFTA KOLAY ÇIKARIM İÇİN TASARLANMIŞ TASARIM ÇELİK BURUN ÇELİK TABAN KORUMA TABAN : PVC NİTRİL 39 CM

1112 GR

EN ISO 20344

EN ISO 20345  
S5  
SRA

### AEROFOODS4

YENİ



Koli İçi  
6

Paket  
1

PREMIUM  
AEFOOS4BC

BEYAZ-MAVİ

35-49

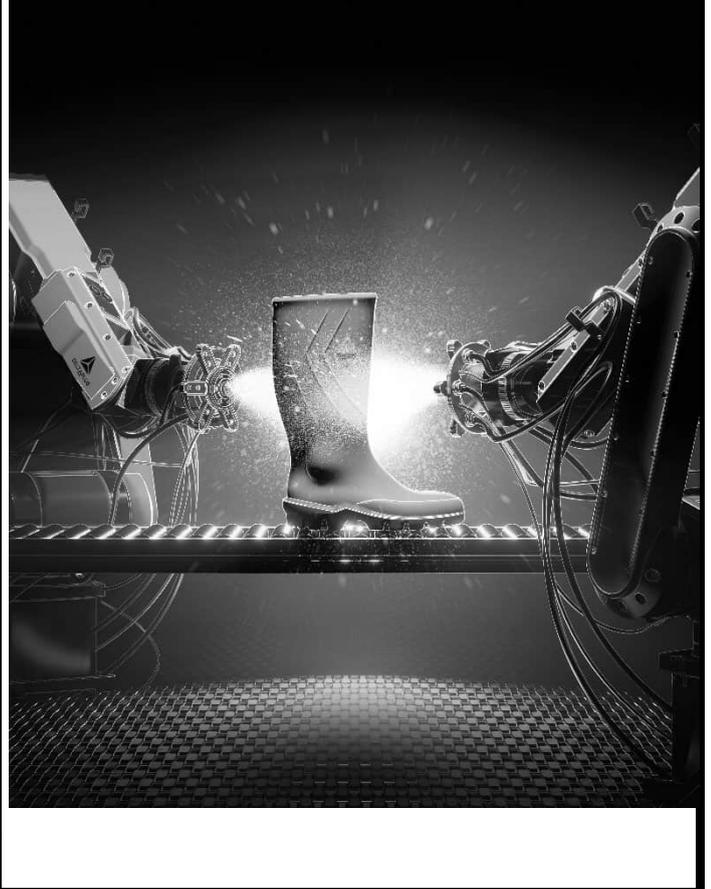
GIDA ENDÜSTRİSİ İÇİN ÖZEL OLARAK TASARLANMIŞ ZARIF TASARIMA SAHİP ULTRA HAFİF VE KONFORLU GÜVENLİK ÇİZMESİ

**SPRAY PU ENJEKSİYON TEKNOLOJİSİ** İLE ÜRETİLMİŞ EN YENİLİKÇİ ÇİZME

METAL BURUN / YÜKSEK SOĞUK DAYANIMI / MÜKEMMEL TABAN TUTUŞU

800 GR

EN ISO 20345  
S4 CI FO A E SR



# YÜKSEKTE ÇALIŞMA ÜRÜNLERİ

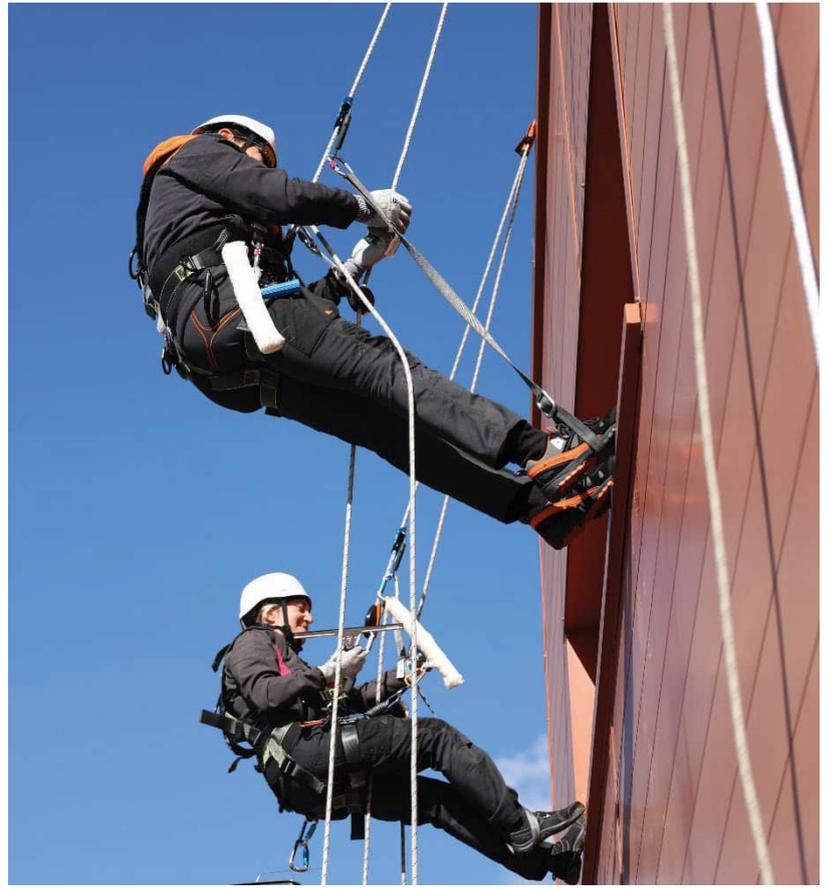
## EMNİYET KEMERLERİ VE AKSESUARLAR

HAR44EL		HAR35M		HAR35R		HAR32M	
UR		UR		UR		UR	
							
Koli İçi 5	Paket 1	Koli İçi 5	Paket 1	Koli İçi 5	Paket 1	Koli İçi 5	Paket 1
PREMIUM		PREMIUM		PREMIUM		PREMIUM	
HAR44ELGT- S/M/L HAR44ELXX-XL/XXL		HAR35MGT: S/M/L HAR35MXX: XL/XXL		HAR35RPT - S; HAR35RGT - M/L HAR35RXX - XL / XXL		HAR32MGT: S/M/L HAR32MXX: XL/XXL	
SİYAH		GRİ-SARI		SİYAH		GRİ-SARI	
DİELEKTRİK EMNİYET KEMERİ KONUMLAMA KEMERİ 2 DÜŞME ÖNLEYİCİ ANKRAJ NOKTASI (ARKA-ÖN) 4 AYAR TOKASI KONFOR İÇİN GENİŞ VELCRO BANTLI VE TERMOFORM SIRT 180° DÖNÜŞ. KONUMLAMA İÇİN İKİ YAN ANKRAJ. PLASTİK KAPLAMALI TOKALAR 20 KV'YA YALITKANLIK SAĞLAR		KONUMLANDIRMA KEMERLİ İKİ RENKLİ EMNİYET KEMERİ. 2 DÜŞME ÖNLEYİCİ BAĞLANTI NOKTASI (ARKA-ÖN) 3 OTOMATİK TOKA DAHİL 5 AYAR TOKASI. TERMO SIRT KONUMLANDIRMA, 120° DÖNÜŞ. 2 KONUMLANDIRMA (YANAL) 1 KISITLAMA (ARKA) NOKTASI OMUZLARDA YUMUŞAK DOLGU.		İPTE ÇALIŞANLARIN ERGONOMİ OPTİMİZASYONU İÇİN TASARLANMIŞ EMNİYET KEMERİ 2 OTOMATİK TOKA DAHİL 4 AYARLAMA TOKASI. 2 DORSAL; 2 KEMER VE 1 ARKA OLMAK ÜZERE 5 ANKRAJ NOKTASI , 120° DÖNÜŞ. SIRT VE BEL DESTEĞİ		İKİ RENKLİ EMNİYET KEMERİ. 2 DÜŞME ÖNLEYİCİ ANKRAJ NOKTASI (ARKA-ÖN) 3 OTOMATİK TOKA DAHİL 5 AYAR TOKASI. OMUZ VE PELVİS SEVİYESİNDE YUMUŞAKDOLGU. KAYIŞLAR : POLYESTER	
EN358 EN361 - 150 kg		EN361 - 150 kg EN358 - 150 kg		EN358 EN361 - 150 kg EN813 - 150 kg		EN368 EN361 - 150 kg	
HAR25 PUMA		HAR24HA		HAR24H		HAR22X	
R		R		R		R	
							
Koli İçi 5	Paket 1	Koli İçi 5	Paket 1	Koli İçi 5	Paket 1	Koli İçi 5	Paket 1
EVOLUTION		EVOLUTION		EVOLUTION		EVOLUTION	
HAR25GT: S/M/L; HAR25XX: XL/XXL		HAR24HAGT: S/M/L HAR24HAXX: XL/XXL		HAR24HGT: S/M/L HAR24HXX: XL/XXL		HAR22XHGT: S/M/L HAR22XXX: XL/XXL	
SİYAH		SİYAH		SİYAH		SİYAH	
İPLE ERİŞİM İÇİN EMNİYET KEMERİ 2 DÜŞME ÖNLEYİCİ ANKRAJ NOKTASI (ARKA ÖN) TERMOFORM SIRT VE BACAK DESTEKLİ KONUMLANDIRMA 2 KONUMLANDIRMA VEYA SINIRLANDIRMANOKTASI (YANAL) 1 SÜSPANSİYON NOKTASI (KARIN) 6 AYARLANABİLİR TOKA 2 PARK KORDONU		KONUMLANDIRMA KEMERLİ EMNİYET KEMERİ 2 DÜŞME ÖNLEYİCİ ANKRAJ NOKTASI(ARKA-ÖN) 6 AYAR TOKASI KAPANAN TERMOFORM SIRT KONUMLANDIRMA KEMERİ KONUMLANDIRMA İÇİN 2 YAN ANKRAJ NOKTASI		MAKSİMUM HAREKET ÖZGÜRLÜĞÜ İÇİN KONUMLANDIRMA KEMERLİ EMNİYET KEMERİ 2 DÜŞME ÖNLEYİCİ ANKRAJ NOKTASI(ARKA-ÖN)2 YANAL NOKTA		METAL PARÇA İÇERMİYEN EN HAFİF YENİLİKÇİ EMNİYET KEMERİ SADECE 580 GR. PATENTLİ D NOKTASI 2 DÜŞME ÖNLEYİCİ NOKTA	
EN361 - 150 kg EN358 - 150 kg EN813- 150 kg		EN361 - 150 kg EN358 - 150 kg		EN361 - 150 kg EN358 - 150 kg		EN361 - 150 kg	

# YÜKSEKTE ÇALIŞMA ÜRÜNLERİ

## EMNİYET KEMERLERİ VE AKSESUARLAR

HAR22HA		HAR22H	
			
YENİ		YENİ	
Koli İçi 5	Paket 1	Koli İçi 5	Paket 1
EVOLUTION		EVOLUTION	
HAR22HAGT : S/M/L HAR22HAXX: XL /XXL		HAR22HAGT : S/M/L HAR22HAXX: XL /XXL	
SİYAH		SİYAH	
MAKSIMUM HAREKET ÖZGÜRLÜĞÜ İÇİN 2 BAĞLANTI NOKTALI VE OTOMATİK TOKALI EMNİYET KEMERİ		MAKSIMUM HAREKET ÖZGÜRLÜĞÜ İÇİN 2 BAĞLANTI NOKTALI EMNİYET KEMERİ	
EN361 - 150 kg		EN361-130 KG	



HAR12GILNO		HAR14		HAR12		HAR11	
							
Koli İçi 10	Paket 1	Koli İçi 10	Paket 1	Koli İçi 10	Paket 1	Koli 10	Paket 1
ESSENTIAL		ESSENTIAL		ESSENTIAL		ESSENTIAL	
HAR12GILNOGT: S / M / L HAR12GILNOXX: XL / XXL		HAR14GT: S / M / L HAR14XX: XL / XXL		HAR12		HAR11	
SİYAH		TURUNCU		TURUNCU		TURUNCU	
ÇIKARILAMAZ İŞ YELEKLİ EMNİYET KEMERİ (İÇ EMNİYET KEMERİ: HAR12) 1 TELEFON CEBİ DAHİL 4 CEP		2 DÜŞME ÖNLEYİCİ ANKRAJ NOKTASI (ARKA ÖN) 2 AYARLANABİLİR YANAL NOKTA KONUMLANDIRMA KEMERİ.		2 DÜŞME ÖNLEYİCİ ANKRAJ NOKTASI (ARKA-ÖNE) 2 AYARLANABİLİR TOKA KAYIŞLAR : POLYESTER		1 DÜŞME ÖNLEYİCİ ANKRAJ NOKTASI (ARKA)2 AYARLANABİLİR TOKA KAYIŞLAR : POLYESTER	
EN361 - 140 kg		EN358 EN361 - 140 kg		EN361 - 140 kg		EN361 - 140 kg	

# YÜKSEKTE ÇALIŞMA ÜRÜNLERİ

## DÜŞÜŞ DURDURUCULAR VE BAĞLANTI EKİPMANLARI

AN10006T	AN10010T2	AN10015T
		
Paket 1		
EVOLUTION		
AN10006T	AN10010T2	AN10015T
6 M	10 M	15 M
MAXIBLOC ABS KASA POLYESTER ŞOK EMİCİ GALVANIZLI KABLO Ø 4 MM + 1 AM016 FIRDÖNDÜ KONNEKTÖR VE DÜŞÜŞ GÖSTERGESİ		
EN360 150 kg		

AN13006C2	AN102	AN106PF
<b>222.34 EUR</b>	<b>92.27 EUR</b>	<b>171.59 EUR</b>
		
Koli İçi 5	Koli İçi 5	Koli İçi 5
Paket 1	Paket 1	Paket 1
PREMIUM	EVOLUTION	EVOLUTION
AN13006C2	AN102	AN106PF
6 M	2.5 M	1.8 M
MEDBLOC 6 M KORUYUCU ABS KABINLI, POLYESTER KAYIŞ 25MM, 1 FIRDÖNDÜ VE DÜŞÜŞ GÖSTERGESİ + AM002 RFU PPE-R/11.060 V1 KÖŞE YATAY KULLANIM (TYPE A) <b>KESKİN KENAR</b>	MINIBLOC ŞOK EMİCİLİ 46 MM POLYESTER KAYIŞLI DÜŞÜŞ DURDURUCU. KORUMA HAVZASI PLASTİK + AM002.	MIKROBLOC 19.5 MM POLYESTER KAYIŞ VE ENERJİ SÖNÜMLEYİCİLİ DÜŞÜŞ DURDURUCU. POLIAMİD GÖVDE. 1 FIRDÖNDÜ, 1 ÇIKARILABİLİR KONNEKTÖR DÜŞÜŞ GÖSTERGELİ 1 KANCA 21 MM AÇIKLIK MOBİL PLATFORM KULLANIMI :ANKRAJ > 3KN. <b>KESKİN KENAR</b>
EN360 RFU PPE-R/11.060 V1 KÖŞE YATAY KULLANIM (TYPE A)	EN360 - 150 kg	EN360 - 140kg RFU PPE-R/11.060 V1 KÖŞE YATAY KULLANIM (TYPE A), RFU PPE-R/11.085 V1F2 (FACTOR2) <b>DIN19427</b>

# YÜKSEKTE ÇALIŞMA ÜRÜNLERİ

## DÜŞÜŞ DURDURUCULAR VE BAĞLANTI EKİPMANLARI

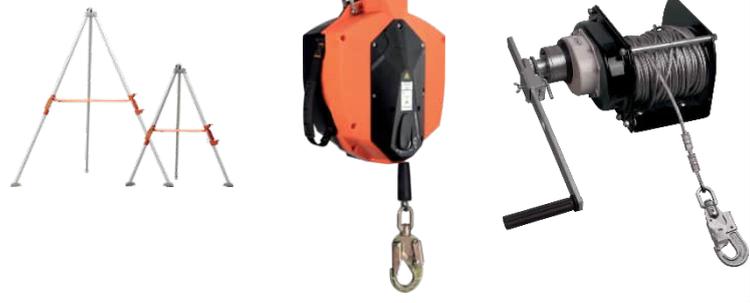
AN14008T	AN18020T	AN18030T
		
Paket 1	Paket 1	Paket 1
EVOLUTION	EVOLUTION	EVOLUTION
AN14008T	AN18020T	AN18030T
TURUNCU	KIRMIZI SİYAH	KIRMIZI SİYAH
8 M	20 M	30 M
PROTECTOR TETRA KORUYUCU 8 M ABS, 25 MM DOKUMA +1 AM016 FIRDÖNDÜ KONNEKTÖR DÜŞÜŞ GÖSTERGESİ - YATAY KULLANIMKÖŞE KORUMA <b>KESKİN KENAR</b>	PROTECTOR LARGE GALVANİZE ÇELİK KABLOLU ENTEGRE ENERJİ SÖNÜMLEYİCİLİ DÜŞÜŞ DURDURUCU. ABSMUHAFAZA. ATALET FREN SİSTEMİ	
EN360- 100 kg RFU PPE-R/11.060 V1 Köşe Yatay Kullanım - Tip A <b>KESKİN KENAR</b>	EN360 150 kg	

AN245200ADD	AN213200ZDD	AN213150ZDD	LV201
		 <b>YENİ</b>	
	Koli İçi 5	Paket 1	Koli içi 1
PREMIUM	EVOLUTION	EVOLUTION	PREMIUM
SİYAH	TURUNCU	TURUNCU	SARI
1.40-2.00 M	2 METRE	1.5 METRE	2.5-20 M AYARLANABİLİR
ENERJİ DAĞITICI ÇİFTLİ ELASTİK KAYIŞLI LANYARD YÜKSÜK DÖNGÜLER, 1 KARABİNA AM002 VE 2 KANCA AM022 İLE DONATILMIŞTIR.	ÇİFT HALAT KAYIŞTAN ŞOK EMİCİLİ LANYARD	ÇİFT HALAT KAYIŞTAN ŞOK EMİCİLİ LANYARD	SPEEDLINE 2 KİŞİ İÇİN GEÇİCİ DOKUMA YATAY YAŞAM HATTI, UZUNLUK 20 M MAKS.
EN355	EN355 YATAY SERTİFİKASYON RFU 11.062 140 KG		EN795 TYPE B CEN-TS16415 2 KİŞİ EN795 TYPE C

## YÜKSEKTE ÇALIŞMA ÜRÜNLERİ

YÜKSEKTE ÇALIŞMA ÜRÜNLERİ									
TC025		AM002x5V2		AM025X2		AN066		AN066A	
									
Koli İçi 10	Paket 1	Koli İçi 4	Paket 5	Koli İçi 10	Paket 1	Koli İçi 5	Paket 1	Koli İçi 5	Paket 1
PREMIUM		ESSENTIAL		EVOLUTION		PREMIUM		PREMIUM	
TC025		AM002X5V2		AM025X2		AN066		AN066A	
TURUNCU		ÇELİK		ÇELİK		GRİ-TURUNCU		GRİ-TURUNCU	
HALAT VE KABLO HATLARI İÇİN TASARLANAN BİLYALI RULMANLAR ÜZERİNDE ÇİFT MAKARA		5 ADET VIDALI EMNİYET KARABINASI-17MM AÇILIR /R>23 KN		2 ADET HAFIF ALAŞIM KARABINA - AĞIZ 22 MM R>25 KN		CAMELEON KAYAN DÜŞÜŞ DURDURUCU, Ø 10,5 MM İP ÜZERİNE, 1 AM002 KARABINA		CAMELEON KAYAN DÜŞÜŞ DURDURUCU, Ø 10,5 MM İP ÜZERİNE EK ASKILI VE ENERJİEMİCİ, 1 AM002 KARABINA	
EN12278 20 KN		EN362 CLASSB		EN362 CLASS B		EN353-2 EN1284 TİP A/B EN358		EN353-2 EN12841 TİP A / B EN358	

### TRIPOD SET

<b>TRIPOD SET</b>		
	<p>1 ADET TRA22; 1 ADET TR01820U VE 1 ADET TR00520'DEN OLUŞMAKTADIR</p> 	
TRA22	TR01820U	TR00520
EN795 TİP B TS16415-3	EN360 RFU 11.062 - 150 KG EN1496 CLASS A - 150 KG	MAKİNE DİREKTİFİNE TABİDİR