



TECHNICAL DATA SHEET

Tekboard SP (Standard Plasterboard)

Square Edge and Tapered Edge

Product overview

Tekboard SP is a standard gypsum plasterboard for general-purpose internal dry lining, partition and ceiling applications. It combines straightforward dry installation with a lightweight, versatile board format for residential, commercial and prefabricated construction.

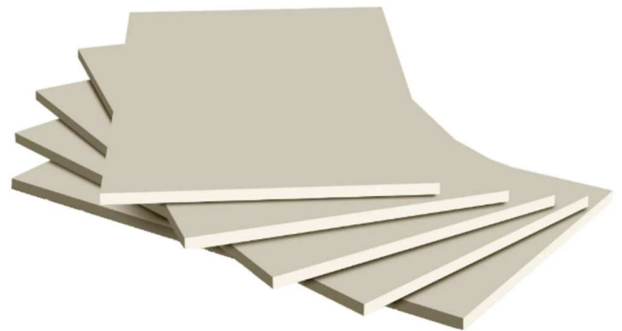
Product range

Product	Edge	Thickness	Board size	Nominal weight*
Tekboard SP - SE 9.0	SE	9.0 mm	2400 x 1200 mm	15.6 kg
Tekboard SP - SE 12.5	SE	12.5 mm	2400 x 1200 mm	21.6 kg
Tekboard SP - SE 12.5	SE	12.5 mm	1800 x 900 mm	12.2 kg
Tekboard SP - SE 15.0	SE	15.0 mm	2400 x 1200 mm	25.9 kg
Tekboard SP - TE 9.0	TE	9.0 mm	2400 x 1200 mm	15.6 kg
Tekboard SP - TE 12.5	TE	12.5 mm	2400 x 1200 mm	21.6 kg
Tekboard SP - TE 12.5	TE	12.5 mm	1800 x 900 mm	12.2 kg
Tekboard SP - TE 15.0	TE	15.0 mm	2400 x 1200 mm	25.9 kg

*Calculated from the nominal density of 600 kg/m³. Figures are rounded to the nearest 0.1 kg.

Applications

- Internal dry lining and partition systems
- Suspended ceiling systems
- Wall linings
- Residential and commercial buildings
- Prefabricated and modular construction
- Retail, leisure and general interior fit-out



Features and finishing

- Easy, dry installation
- Lightweight and versatile
- Durable for general internal applications
- Gypsum-based board suitable for recycling where appropriate facilities exist
- Compatible with standard jointing and decorative finishing systems

Product specification

Parameter	Specification
Standard board size	2400 x 1200 mm
Additional 12.5 mm board size	1800 x 900 mm - available in SE and TE
Nominal board area	2.88 m ² (2400 x 1200 mm) 1.62 m ² (1800 x 900 mm)
Thickness options	9.0 mm, 12.5 mm and 15.0 mm
Edge options	Square edge (SE) and tapered edge (TE)
Nominal density	600 kg/m ³
Calculated mass per unit area	9.0 mm: 5.4 kg/m ² 12.5 mm: 7.5 kg/m ² 15.0 mm: 9.0 kg/m ²

Nominal mass is calculated from board density x board thickness x board area. Calculated figures are rounded and may vary within normal manufacturing tolerances.

Surface finishing

Paint: Suitable water-based or oil-based paint system, following preparation and primer requirements.

Wallcoverings: Suitable for wallpaper, vinyl and decorative cladding systems, subject to the finish manufacturer's instructions.

Jointing: Use a compatible jointing compound and reinforcement system for joints. The board may also receive an appropriate skim coat.

1800 x 900 mm board variants

These compact-format boards are available at 12.5 mm thickness only in both edge formats.

Product	Edge	Board dimensions	Nominal weight*
Tekboard SP - SE 12.5	Square edge	1800 x 900 x 12.5 mm	12.2 kg
Tekboard SP - TE 12.5	Tapered edge	1800 x 900 x 12.5 mm	12.2 kg

Physical properties

Nominal physical and dimensional properties for Tekboard SP standard plasterboard.

Property	Unit	Value	Test standard
Density	kg/m ³	600	EN 520+A1
Weight per unit area - 9.0 mm	kg/m ²	5.4	EN 520+A1
Weight per unit area - 12.5 mm	kg/m ²	7.5	EN 520+A1
Weight per unit area - 15.0 mm	kg/m ²	9.0	EN 520+A1
Length	mm	2400 / 1800*	EN 520+A1
Width	mm	1200 / 900*	EN 520+A1
Depth of taper	mm	1.5	EN 520+A1
Width of taper	mm	48	EN 520+A1
Squareness of edges	mm	1.5	EN 520+A1
Core hardness	N	125	EN 520+A1
Edge hardness	N	130	EN 520+A1
End hardness	N	120	EN 520+A1
Flexural strength - longitudinal	N	550	EN 520+A1
Flexural strength - transverse	N	215	EN 520+A1
Nail pull strength	N	365	EN 520+A1

*The 1800 x 900 mm format is available at 12.5 mm thickness only.

Standard and conformity reference

Product standard: EN 520+A1 - Gypsum plasterboards: definitions, requirements and test methods.

Installation recommendations

- Check boards before installation and do not use units that are wet, distorted or significantly damaged.
- Confirm the supporting frame or substrate is dry, secure, straight and set out to the approved system specification before fixing begins.
- Plan board orientation and joint positions before installation. Support board edges and stagger joints between layers where required by the system design.
- Score and cut from the face side using suitable tools. Snap the board cleanly, cut the reverse liner and smooth cut edges where necessary.
- Control dust when mechanically cutting or sanding. Use suitable extraction, ventilation and personal protective equipment identified by the task risk assessment.
- Use the correct drywall screws for the frame type and gauge, board thickness, number of layers and required system performance.
- Drive screws square to the board so the head sits just below the liner surface without breaking the paper face or damaging the gypsum core.
- Use fixing centres, edge distances, screw penetration and perimeter details stated in the approved wall or ceiling system specification.
- Maintain specified movement joints, deflection details, perimeter gaps and service openings. Do not bridge structural movement joints with plasterboard.
- Treat tapered joints with a compatible joint tape and jointing compound system. Allow each coat to dry and finish in accordance with the compound manufacturer's instructions.
- Seal and reinforce service penetrations where required to preserve the stated fire, acoustic, thermal or airtightness performance of the complete system.
- Protect finished work from impact, moisture and excessive loading. Do not attach fixtures or imposed loads without suitable support or approved fixings.

System responsibility

Tekboard SP is one component within a complete dry lining system. Framing, fixings, jointing materials and installation details must be selected and installed to the relevant approved system specification and project requirements.

Storage and handling

- Plan deliveries so boards are unloaded as close as practicable to the point of use, with clear access routes and suitable handling equipment available.
- Avoid unnecessary manual handling. Use mechanical aids, lifts or board trolleys wherever reasonably practicable and follow the site manual-handling assessment.
- Store boards flat on a firm, level base using adequate continuous supports or a purpose-designed rack. Do not leave large quantities leaning vertically where they could fall.
- Keep stacks stable, aligned and within the safe load capacity of the floor, pallet, supports and storage equipment.
- Store in a dry, covered and well-ventilated area, raised clear of the ground and protected from rain, standing water, condensation and prolonged direct sunlight.
- Keep protective wrapping in place until required, but prevent trapped moisture and maintain ventilation where necessary.
- Allow boards to reach the ambient conditions of the installation area before fixing. Do not install damp boards.
- Keep access routes and storage areas tidy, level and well lit. Protect stacks from site traffic, forklifts, falling objects and edge impact.
- Handle boards carefully to protect faces, edges and corners. Use suitable lifting aids or an appropriate team-handling method where mechanical handling is not practicable.
- Do not drag boards across one another or across the floor. Lift clear before repositioning to avoid face damage and contamination.
- Inspect boards after storage and before installation. Segregate damaged or wet boards and dispose of or recycle waste through an appropriate facility.

Technical note

Nominal product information

Dimensions, density and board weights are nominal values and may vary within normal manufacturing tolerances. Calculated board weights are rounded to the nearest 0.1 kg. Product selection, fixing centres and installation details must follow the relevant project specification and approved system design.