

FRP FIBERGLASS GRATINGS Technical data sheet

Key benefits

- Anti Slip Top Surface**

FRP fiberglass gratings have an anti-slip surface that offer excellent slip resistance.

- Long Life Time:**

Molded FRP gratings provide outstanding durability and corrosion resistance due to their chemical and physical properties.

- Low Maintenance**

Does not require painting, sandblasting or replacement. The FRP gratings are easily cleaned by high-pressure water.



Resin Selection Systems

The FRP Gratings are available in four standard resin grades. Contact us if you have any questions

Resin Base	Description	Flame spread rating ASTM E84
Isophthalic (standard)	Industrial Grade Corrosion resistance & fire retardant	Class 1, 25 or less
Phenolic	Low smoke and superior Fire Resistance	Class 1, 5 or less
Vinylester	Superior Corrosion Resistance & Fire Retardant	Class 1, 25 or less

Comparison with conventional materials

Parameters	Fiberglass Gratings	Hot Dipped GI	Stainless Steel
Anti Skid	Available	NA	NA
Chemical Resistivity	Very High	Moderate	High
Colour Range	Available	NA	NA
Corrosion Resistivity	Very High	Moderate	High
Electrical Conductivity	Nil	High	High
EMI / REI Transparency	High	Nil	Nil
Handling	Very Easy	Difficult	Difficult
Installation Cost	Low	Moderate	Moderate
Life Span	High	Moderate	High
Ratio Life Cycle Cost	Low	High	High
Strength To Weight	High	Low	Low

Surface

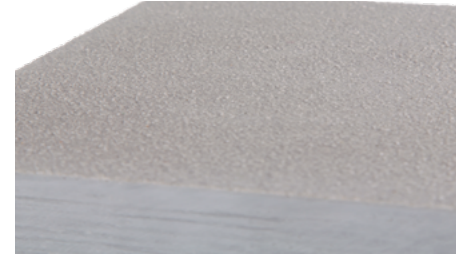
Grit Top



Concave Top



Covered Grit Top

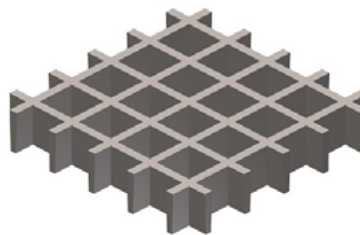


Colours

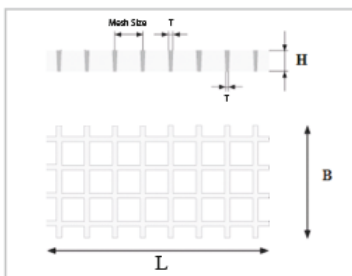
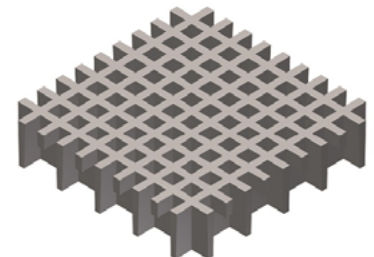
In Real Safety, we offer FRP gratings in standard colour grey (RAL 7004), or any other colour combination. Please contact us if you have specific requirements.

Fiberglass Gratings

SM-Square Mesh
38 x 38



MM-Mini Mesh
19 x 19



Installations

For installation guides, please contact us.

Handling/Cutting


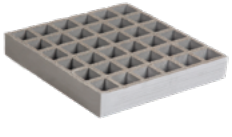

- Always wear proper PPE equipment
- Cover all exposed parts of the body
- Wear gloves while moving or lifting
- If using a jigsaw, use Bosch T141HM blade. Otherwise, use diamond tools

Mechanical data

For other mechanical data, for example chemical resistance or load deflection datas, please contact us for more information.

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Size

	Type	Mesh	Clear span	Height	Standard panels	Weight
		mm	mm	mm	mm	Kg/m ²
	SCH 38/38	38x38	31x31	30	1000 x 4000 1220 x 3660 1220 x 4038 1525 x 4038	19,5
	SCH 38/38	38x38	31 x31	38	1000 x 4000 1000 x 4038 1220 x 3660 1220 x 4038 1525 x 4038	19,2
	SCH 19/25	19x19	13x13	25	1000 x 4000 1220 x 3660 1525 x 4038 1638 x 4038	16,3
	SCH 19/30	19x19	13x13	30	1000 x 4000 1220 x 3660 1525 x 4038 1638 x 4038	17,5
	SCH 19/38	19x19	13x13	38	1000 x 4000 1220 x 3660 1525 x 4038 1638 x 4038	21
	SCH 38/25C	38x38		25+3	1000 x 4000 1220 x 3660 1525 x 4038 1638 x 4038	20
	SCH 38/30C	38x38		30+3	1000 x 4000 1220 x 3660 1525 x 4038 1638 x 4038	23
	SCH 38/38C	38x38		38+3	1000 x 4000 1220 x 3660 1525 x 4038 1638 x 4038	25

Note: Not all products in these panel sizes are in stock. Please contact us for more information.