

TOP-air power GRP antislip

PRODUCT DESCRIPTION

Top layer: GRP anti-slip coating (sanded) similar to RAL 7030*

Core: PP-honeycomb

Bottom layer: GRP woven roving, white

*other colours on request



Lightweight panel for truck floor construction made of a high strength honeycomb core, a woven glass roving reinforced lower facing sheet as well as non-slip and wear-resistant GRP top layer.

PROPERTIES

- self-supporting construction for max. 2 t load capacity (valid for 35 mm thickness)
- non-slip and wear-resistant top layer
- high stiffness and light weight
- abrasion resistance better than plywood according to DIN 53754
- excellent energy absorption
- moisture resistant
- large dimensions possible (thickness 17 – 65 mm, length up to 6000 mm)

DIMENSIONS

Format	Length [mm]	Width [mm]	Thickness [mm]
Standard			35
Special dimensions*	max. 6000	max. 2900	max. 65

Tolerances	Length [mm]	Width [mm]	Thickness [mm]
Cut to size	+2/-2	+1/-2	+0/-1

*on request

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GENERAL PHYSICAL PROPERTIES

Service temperature	Abrasion resistance acc. 5131 Abraser, H18	Anti Slip characteristic acc. DIN51131
[°C]	[mg/100U]	
-30 to +80	42,6	R13

MECHANICAL PROPERTIES

Thickness [mm]	Weight per unit area [kg/m ²]	Thermal insulation U-value [W/m ² K]	Modulus of elasticity [N/mm ²] ^{***}	Bending strength [N/mm ²] [*]	Bending stiffness [Nm ²] ^{**}
30	8,7	2,26	1650	20	3700
35	9,3	2,03	1400	17	5000

*values determined with three-point-bending test acc. to ISO 178: test sample width 80 mm/support distance 250 mm

**valid per 1 m panel width

***max. compressive load per pallet truck roller (\emptyset = 120 mm; width = 40 mm) – max. weight on pallet truck 0,5 t

APPLICATIONS

Customized application according our mission 

All these specifications are based on our most-up-to-date information but are subject to changes at any time. A legally binding assurance of certain properties or the suitability of an individual type for a specific field of application cannot be assumed from these specifications. All information is provided without any obligation. No legal liability can be assumed.