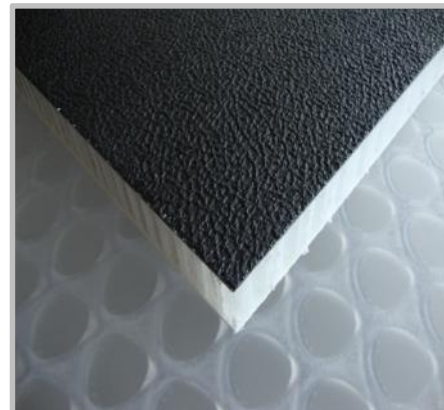# TOP-air GRP stage black

PRODUCT DESCRIPTION

Top layer: glass fibre reinforced black* polyester laminate with anti-slip structured surface

Core: PP honeycomb

Bottom layer: woven glass roving reinforced polyester laminate, white

*other colours on request

A lightweight sandwich panel with outstanding mechanical properties for floor construction made with a high strength honeycomb core, glass fibre reinforced polyester facing sheets and a non-slip and UV resistant structured surface.

PROPERTIES

- high stiffness and light weight
- high strength due to core geometry
- excellent impact and breaking strength

- high energy absorption capacity
- UV stable surface
- antislip surface

DIMENSIONS

Format	Length [mm]	Width [mm]	Thickness [mm]
Standard	1994	994	22
Special dimensions	max. 6000	max. 2900	max. 65

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

*on request – minimum order per special size: 200 m²

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GENERAL PHYSICAL PROPERTIES

Coefficient of thermal expansion	Service temperature
[1/K]	[°C]
25×10^{-6}	-30 to +80

MECHANICAL PROPERTIES

Thickness [mm]	Weight per unit area [kg/m²]	Modus of elasticity* [N/mm²]	Breaking strength [N/mm²]	Bending stiffness** [Nm²]
22	5,2	1950	11,5	1730

*breaking strength determined with a 3 point bending test based upon ISO178: sample width 80 mm/support distance 250 mm
**per 1 m panel width

APPLICATIONS

Floor panels for mobile stages and presentation platforms

customized application according our mission design your composite