

# TOP-air GRP stage black



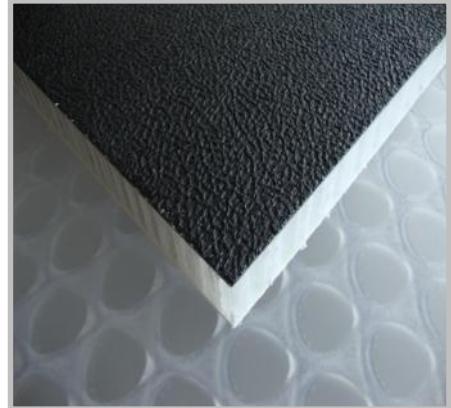
## PRODUCT DESCRIPTION

**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 m<sup>2</sup>

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## GENERAL PHYSICAL PROPERTIES

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

## MECHANICAL PROPERTIES

Thickness [mm]	Weight per unit area [kg/m <sup>2</sup> ]	Modus of elasticity* [N/mm <sup>2</sup> ]	Breaking strength [N/mm <sup>2</sup> ]	Bending stiffness** [Nm <sup>2</sup> ]
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**

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.