

Technical data sheet Kiesfix



General:

Made in Croatia, Injection moulding product

Product certification : ISO 14001 – ISO 9001 – CE

Properties of the honeycomb structure:

Sheet dimensions	1200 mm x 800 mm x 30 mm (0,96 m ²)
Sheet dimensions foldable	1200 mm x 1600 mm x 30 mm (1,92 m ²)
Honeycomb diameter	44 mm
Density	59 kg/m ³
Weight	1680 g / per sheet 0.96 m ²
Thickness	1.7 mm
Honeycomb material	Polyetylen, Copolymer, 100% recyclable
Colour	Milky white
Breaking strain, unfilled	ISO 844 : > 100 tonnes/m ²
Breaking strain, filled	Up to 450 tonnes/m ² (depending on the stone quality)
Torsional resistance	Reinforcements (PP) between the honeycombs increase torsional resistance
Impingement resistance	>8 J

Geotextile properties

Material	Non-woven polyester
Colour	White
Geotextile weight	60 g/m ² , 7,8 daN/cm ²
Geotextile bonding	Adhesion resistance to honeycomb structure
Geotextile overlap	the geotextile is on both sides (long and short side) at least 10 cm above

Additional properties

Flexibility	Very high
Chemical stability	Very high (acidities, bases...)
Cold temperature behaviour	Frostproof, retains its flexibility
UV stability	UV532 (2%), with prolonged UV exposure to be stored in closed rooms.