

## ENKA-VENT SPECIFICATION SHEET

### PRODUCT DESCRIPTION

Enka-Vent is a flexible three-dimensional matting, produced from polyamide 6 monofilaments welded together where they cross to form a tough, open structured matting having >95% free space. Mattings wider than 1 m are made by thermally joining 1 m wide lanes.

### PROPERTIES

PROPERTY	UNIT OF MEASUREMENT
Raw Material	Polyamide 6
Polymer Density	1140 kg/m <sup>3</sup>
Melting Point	214 °C
Colour	Black
UV Stabilizers	Carbon Black & Others
Temperature Resistance	-30 °C to +80 °C, no reduction in flexibility or strength
Weight	260 g/m <sup>2</sup> (EN 965)
Thickness, 2kPa	10mm (EN 964-1)
Tensile Strength – Longitudinal	1.5kN/m (EN 10319)
Tensile Strength – Transverse	1.2 kN/m (EN 10319)
Tensile Strength – Joins	0.8 kN/m (EN 10319)
Matting Density	25 kg/m <sup>3</sup>
Inflammability	Classification B2 (DIN 4102)
Resistance to puncture	170N (EN12236)
Toxicity	None

### DIMENSIONS & WEIGHTS

TYPE	MATTINGS			ROLLS		
	Width (m)	Length (m)	Area (m <sup>2</sup> )	Diameter (m)	Length (m)	Gross Weight (kg)
7010/1	1.00	150	150.0	1.20	1.03	40
7010/2*	1.95	150	292.5	1.10	2.00	80
7010/4*	3.85	150	577.5	1.10	3.90	165
7010/6*	5.75	150	862.5	1.10	5.90	248

\*Individual values may vary from above mentioned data. The information set forth in this brochure reflects our best knowledge at the time of issue. The data is subject to change pursuant to new developments and findings. We undertake no liability for results obtained by usage of our products and information.