

SPECIFICATIONS	
PROPERTIES	
<b>Description:</b>	Enkazon is a turf of high resistance to water flow derived from the properties of Enkamat®. The Enkamat® provides an extensive and permanent root zone anchorage without interfering with a natural turf re-growth regime.
<b>Composition:</b>	The root zone reinforcement is Enkamat®, a flexible three-dimensional matting, produced from polyamide-6 mono-filaments welded together where they cross, to form a tough, open structured matting having > 95% free space. Matting wider than 1m are made by thermally joining 1m wide lanes. Turf is grown from two standard seed compositions (with or without ryegrass). Other compositions are available subject to suitability for special purposes. All turf is grown to order; the summer growing period is 6–10 weeks.
<b>Weight:</b>	The turf is grown from a seed / compost mix introduced into a root zone reinforcement matrix. Turf for delivery weighs approximately 11kg/m <sup>2</sup> .
<b>Size:</b>	The turf is carefully grown to maturity separated from the underlying soils so that it can be rolled up for transport. Roots are not cut as when lifting as in traditional turf. The turf is supplied in a typical roll size of 2m x 20m.
<b>Normal functional life:</b>	Permanent

#### MAT REINFORCEMENT SPECIFICATION - ENKAMAT®

PROPERTIES	SYMBOL
<b>Polymer density</b>	1140 kg/m <sup>3</sup>
<b>Melting point</b>	214 °C
<b>Colour</b>	Black
<b>UV Stabilisers</b>	Carbon black and others
<b>Temperature resistance</b>	From -30 °C to +80 °C, no reduction in flexibility or strength
<b>Mass</b>	260 g/m <sup>2</sup>
<b>Thickness at 2 kPa</b>	10 mm
<b>Tensile longitudinal strength</b>	1.5 kN/m
<b>Tensile transverse strength</b>	1.2 kN/m
<b>Tensile strength of the joints</b>	0.8 kN/m
<b>Matting density</b>	25 kg/m <sup>3</sup>
<b>Toxicity</b>	None

#### Maccaferri Ltd - Head Office

7600 The Quorum,  
Oxford Business Park, North,  
Garsington Road, Oxford, OX4 2JZ  
Tel: 01865 770555  
Fax: 01865 774550  
Email: oxford@maccaferri.co.uk  
**Web: www.maccaferri.co.uk**

#### Area offices

**Perth:**  
T: 01738 621317 F: 01738 442283 E: perth@maccaferri.co.uk  
**Belfast:**  
T: 028 9026 2830 F: 028 9026 2849 E: belfast@maccaferri.co.uk  
**Dublin:**  
T: 01 885 1662 F: 01 885 1601 E: dublin@maccaferri.ie  
**Web: www.maccaferri.ie**



Oxford, Perth, Belfast