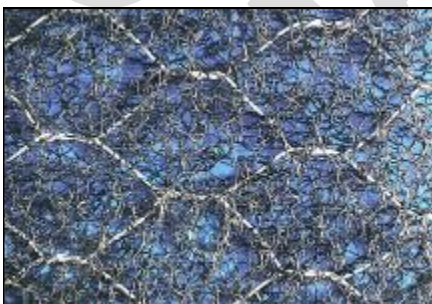


MACMAT[®] R
STEEL REINFORCED GEOMAT

MacMat[®] R is a reinforced geomat made from a polymeric three-dimensional matrix extruded onto a double twisted steel wire woven mesh. The reinforcing hexagonal steel wire mesh has mechanical characteristics exceeding those in EN 10223-3. The wire is protected with GalMac[®] (Zn95%-Al5%) galvanising in accordance with EN 10244-2, Class A. The wire is also available with an additional extruded PoliMac[®] coating.

MacMat [®] R		R1 6822GN	R1 8127GN	R1 6822G0	R1 8127G0
Geomat					
Polymer		POLYPROPYLENE			
Mass per unit area (EN ISO 9864) ±10 %	g/m ²	450			
Melting point	°C	150			
Polymer Density	kg/m ³	900			
UV Resistance		STABILIZED			
Reinforcement					
Type		Double twisted woven steel wire mesh heavily GalMac [®] coated		Double twisted woven steel wire mesh with an additional PoliMac [®] coating	
Mesh type		6x8	8x10	6x8	8x10
Wire diameter (int./ext.)	mm	2.20	2.70	2.20/3.20	2.70/3.70
Nominal Polimac [®] coating thickness	mm	not present		0.5	0.5
Mechanical Properties Composite					
Nominal longitudinal resistance	kN/m	40 ± 3	55 ± 5	40 ± 3	55 ± 5
Nominal physical Properties Composite					
Mass per unit area (EN ISO 9864)	g/m ²	1630	1850	1920	2130
Voids index	%	>90			
Nominal thickness (EN ISO 9863-1)	mm	12			
Geomat colour (*)		BLACK			
Roll length (**)	m	25			
Roll width (***)	m	2			
Roll area	m ²	50			



NOTE
 (*) Brown colour available on request
 (**) Tolerance: -0 +1%
 (***) Tolerance: ± 5%

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