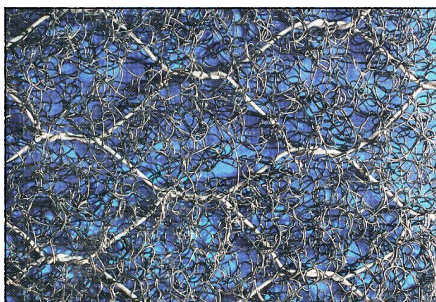


## MACMAT® R STEEL REINFORCED GEOMATS

Macmat® R is a reinforced geomat obtained by a polymer made three-dimensional matrix extruded onto a double twisted steel woven mesh. The reinforcing hexagonal steel wire mesh has mechanical characteristics higher than the ones suggested from EN 10223-3. The wire is with a Zn-Al5% coating in accordance with EN 10244-2, Class A. The metallic coated wire may also be extruded with an additional polymeric coating.

MACMAT		R1 6822GN	R1 8127GN	R1 6822G0	R1 8127G0
<b>GEOMAT</b>					
Polymer		POLYPROPYLENE			
Mass per unit area (EN ISO 9864)	g/m <sup>2</sup>	500	600	500	600
Melting point	°C	150			
Density	kg/m <sup>3</sup>	900			
UV Resistance		STABILIZED			
<b>REINFORCEMENT</b>					
Type		double twisted woven steel wire mesh heavily Galmac coated		double twisted woven steel wire mesh heavily Galmac coated with a polymer protective layer	
Mesh type		6x8	8x10	6x8	8x10
Wire diameter (int./ext.)	mm	2.2	2.7	2,2/3.2	2.7/3.7
Nominal polymeric coating thickness	mm	not present		0.5	0.5
<b>MECHANICAL PROPERTIES COMPOSITE</b>					
Mechanical strength (length)	kN/m	35	47	35	47
<b>NOMINAL PHYSICAL PROPERTIES COMPOSITE</b>					
Mass per unit area (EN ISO 9864)	g/m <sup>2</sup>	1,680	2,000	1,970	2,280
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 <sup>2</sup>	50			



**NOTE**

- (\*) Brown color available on request
- (\*\*) Tolerance -0 +1%
- (\*\*\*) Tolerance ± 5%

For the optimisation and improvement process of the technical characteristics of the products, the manufacturer reserves the right to modify the standard characteristics of the product without any notice. The informations contained herein are to the best of our knowledge accurate, but since the circumstances and conditions in which it may be used are beyond our control, we do not accept any liability for any loss or damage, however arising, which results directly or indirectly from the use of such information nor we do offer any warranty or immunity against patent infringement.

**Officine Maccaferri S.p.A.**

Via Kennedy, 10 - 40069 Zola Predosa (BO) - Italy

Tel. (+39) 051 6436000 - Fax (+39) 051 6436201

E-mail: comes@maccaferri.com - Web site: www.officinemaccaferri.com

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with SINCERT's and UKAS' s accreditation.