

M.M. S.R.L. Fiberglass Reinforced Polymer gratings and structures

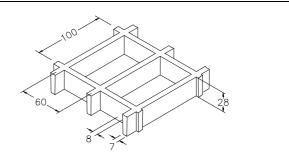
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## **MOLDED GRATINGS**

Mesh	mm	100 x 60	
Clear span	mm	92 x 52	
Height	mm	28	
Bearing bar	mm	8	upper part
thickness	mm	7	bottom part
Color	Translucent green		



	ISOPHTALIC Polyester Resin
Raw materials	Roving glass fiber type "E"
	Without inorganic fillers

Resin type	Modulus of elasticity	Ultimate stress
ISO	12250 MPa	310 MPa

Stand	dard panels	
mm	1500 x 2000	C S DE
Weig	ht kg/m² 8	
tolerance	± mm 5 panel dimensions ± mm 2 height	

Surface S Smooth Antiskid level R10 V10 norm	DIN 51130
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Ageing resistance	Ageing test made with UV lamp according to ASTM G154-06 and passed with 5 points on the gray range and without evident defects (test made with 1500 hours of exposure to 4 hours alternate cycles at a UV temperature of 60°C and 4 hours at a condensed temperature of 50°C irradiated by UVB 313 nm lamp, radiance 0,71 W/m <sup>2</sup> )
	After the exposure to heat, cold and humidity cycles according to UNI EN ISO 9142/04 norm (n° 21 cycles type D3) there is no evidence of defects