

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

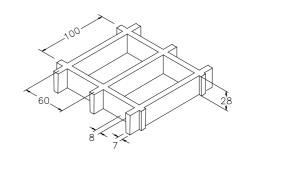
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MOLDED GRATINGS

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	Grey RAL 7004 indicative RAL reference		



	Polyester Resin
Raw materials	Roving glass fiber type"E"
	Inorganic fillers without halogens

Resin type	Modulus of elasticity	Ultimate stress
IFR	15000 MPa	325 MPa

Stand	dard panels	
mm	1500 x 2000	Ser TRANCE SER
Weig	jht kg/m² 9	
tolerance	± mm 5 panel dimensions	
	± mm 2 height	

Surface S Smooth	Antiskid level R10 V10 norm DIN 51130
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Reaction to fire	Fire retardant	Spread ≤ 25 norm ASTM E84-98
		Level B _{ff} -S1 norm EN 13501-1

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 ²)
	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