

SCH 60/25_IFR

06.05.2011 - Rev. 4

MOLDED GRATINGS

Mesh	mm 100 x 60	
Clear span	mm 93 x 53	
Height	mm 25	
Bearing bar thickness	mm 7 upper part	
	mm 5 bottom part	
Color	Grey RAL 7004 <i>indicative RAL reference</i>	

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

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

Standard panels	
mm 1500 x 2000	
Weight kg/m² 7	
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_{fl}-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