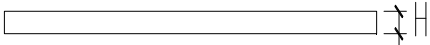


SCH M01_IFR

15.01.2015 - Rev. 5

MOLDED LAMINATED PLATE

Height	mm 3 ÷ 20	
Color	Grey RAL 7004 <i>indicative RAL reference</i>	

Raw materials	Polyester Resin
	Mat fiber glass type "E"
	Inorganic fillers without halogens
<i>For other colours, resins or reinforcement types please contact directly M.M. S.r.l.</i>	

Standard panels		
mm 1220 x 4038		
Density g/cm³ 1,7		
tolerance		± mm 5 panel dimensions ± mm 2 height

Surface	S	Smooth	<i>Antiskid level R10 V4 norm DIN 51130</i>
	A	with quartz	<i>Antiskid level R13 V4 norm DIN 51130</i>

Reaction to fire	Fire retardant	Spread ≤ 25 norm ASTM E84-98
		Level V-0 norm UL94 Vertical Burning Test

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 are no evidence of defects

Resistivity and Rs surface and Rt transversal electric resistance	EN 61340-2.3 Par 8.1 and 8.2 ref. ISO 1853, IEC 60167, HD 568 S1 excellent insulator in accordance with the safety norms.
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Resistivity and safety electric resistance to ground human body model	IEC 61340-4-5 – CEI 64-4/8/6 Par. 6.12.5 – IEC 60167 – HD 568 S1 excellent insulator in accordance with the safety norms
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Dielectric strength with rated voltage	ASTM D 149-97a, very low current absorption in accordance with the safety norms.
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