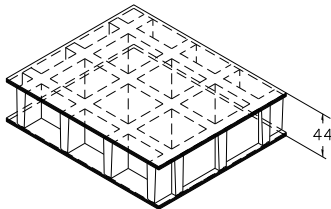




Channel coverings, inside width mm 500

Grating type SCH 38/38DC_IFR

Document: VC01-SCH38/38DC REV. 00	
	Grating type: SCH38/38DC
	LOAD 5000 daN – channel open span mm 500
Material:	FRP – made with polyester resin reinforced with continuous glass fibers placed in both directions in equal percentage. Direct roving glass fiber type “E”, mat and lath. Inorganic fillers without halogens.
Mesh:	mm 38x38
Beam height:	mm 38
Beam thickness:	mm 5-7
Cover plate:	Double cover with mm 3 thickness plates
Total height:	mm 44 (38+3+3)
Color:	Gray RAL 7004 – mass colored and varnished with polyurethane paint
Surface finishing:	antiskid finishing on one plate made with quartz level R13V4 according to DIN 51130 norm
Distance between supports (inside channel dimensions)	mm 500 (A)
Deflection break download with center line load:	>15000 daN
Mechanical and durability characteristics determined and tested according to the norms:	-DIN 24537-3: Gratings used as floor covering – part 3 -EN 1990:2004/A1:2006: Eurocode – basis of structural design
Reaction to fire:	SELF EXTINGUISHING according to: norm EN 13501-1_2007 level B_{f1} – s1 norm ASTM E84-98 spread ≤ 25 norm AFNOR NFP 92-501 level M2 norm DIN 4102 -14 level B2
Resistivity and RS surface and Rt transversal electric resistance:	norm EN 61340-2.3 par. 8.1 e 8.2 ref. to ISO 1853, IEC 60167, HD 568 S1 – excellent insulator according to the safety norms
Resistivity and safety electric resistance to ground human body model	norm IEC 61340-4-5- CEI 64-4/8/6 par. 6.12.5 – IEC 60167 – HD 568 S1: excellent insulator according to the safety norms
Dielectric strength with rated voltage:	norm ASTM D 149-97a: very low current absorption, according to the safety norms
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
Exposure test to heat, cold and humidity cycles:	According to UNI EN ISO 9142/04 norm (n.21 cycles type D3) passed without evident defects.



M.M. S.r.l.

Via A. Zanussi 300 / 302, 33100 Udine (Italy)

Ph. +39 0432.602218 / 522970 - Fax. +39 0432.522253

info@mmgrigliati.it - www.mmgrigliati.it

VC01 SCH38/38DC

27.02.2012

Rev. 0

AZIENDA CON SISTEMA DI GESTIONE
PER LA QUALITÀ CERTIFICATO DA DNV
= UNI EN ISO 9001:2008 =