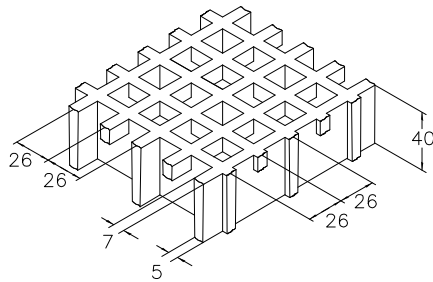




Channel coverings, inside width mm 500

Grating type SCH 52/40_IFR (drainage channel)

Document: VC06-SCH52/40 REV. 00



Grating type: SCH52/40

LOAD 2000 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:	main mm 52x52 – secondary mm 26x26 (foto19x19)
Beam height:	mm 40
Beam thickness:	mm 5-7
Cover plate:	Gray RAL 7004 – mass colored and varnished with polyurethane paint
Total height:	antiskid meniscus level R13V10 according to DIN 51130 norm
Color:	mm 500
Surface finishing:	>11000 daN
Distance between supports (inside channel dimensions)	-DIN 24537-3: Gratings used as floor covering – part 3 -EN 1990:2004/A1:2006: Eurocode – basis of structural design
Deflection break download with center line load:	SELF EXTINGUISHING according to: norm EN 13501-1_2007 level B_{fl} – s1 norm ASTM E84-98 spread ≤ 25 norm AFNOR NFP 92-501 level M2 norm DIN 4102 -14 level B2
Mechanical and durability characteristics determined and tested according to the norms:	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
Reaction to fire:	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
Resistivity and RS surface and Rt transversal electric resistance:	norm ASTM D 149-97a: very low current absorption, according to the safety norms
Resistivity and safety electric resistance to ground human body model	Ageing test made with UV lamp according to ASTM G154-06 and passed with 5 points on the gray range and without evident defects
Dielectric strength with rated voltage:	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

VC06 SCH52/40

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Rev. 0

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