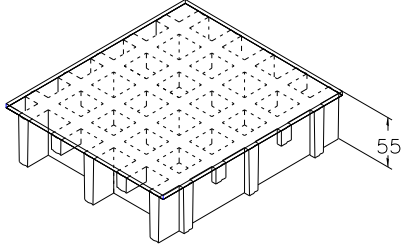




## Channel coverings, inside width mm 800

### Grating type SCH 52/52C\_IFR

Document: VC04-SCH52/52C REV. 00	
	<b>Grating type: SCH52/52C</b>
	<b>LOAD 2000 daN – channel open span mm 800</b>
<b>Material:</b>	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.
<b>Mesh:</b>	main mm 52x52 – secondary mm 26x26
<b>Beam height:</b>	mm 52
<b>Beam thickness:</b>	mm 5-7
<b>Cover plate:</b>	cover with mm 3 thickness plates
<b>Total height:</b>	mm 55 (52+3)
<b>Color:</b>	Gray RAL 7004 – mass colored and varnished with polyurethane paint
<b>Surface finishing:</b>	antiskid finishing on one plate made with quartz level R13V4 according to DIN 51130 norm
<b>Distance between supports (inside channel dimensions)</b>	mm 800
<b>Deflection break download with center line load:</b>	>11000 daN
<b>Mechanical and durability characteristics determined and tested according to the norms:</b>	-DIN 24537-3: Gratings used as floor covering – part 3 -EN 1990:2004/A1:2006: Eurocode – basis of structural design
<b>Reaction to fire:</b>	SELF EXTINGUISHING according to: norm EN 13501-1_2007 level <b>B<sub>fl</sub> – s1</b> norm ASTM E84-98 spread ≤ 25 norm AFNOR NFP 92-501 level M2 norm DIN 4102 -14 level B2
<b>Resistivity and RS surface and Rt transversal electric resistance:</b>	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
<b>Resistivity and safety electric resistance to ground human body model</b>	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
<b>Dielectric strength with rated voltage:</b>	norm ASTM D 149-97a: very low current absorption, according to the safety norms
<b>Ageing resistance:</b>	Ageing test made with UV lamp according to ASTM G154-06 and passed with 5 points on the gray range and without evident defects
<b>Exposure test to heat, cold and humidity cycles:</b>	According to UNI EN ISO 9142/04 norm (n.21 cycles type D3) passed without evident defects.



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VC04 SCH52/52C

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Rev. 0

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PER LA QUALITÀ CERTIFICATO DA DNV  
= UNI EN ISO 9001:2008 =