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Type	INTERGRATE® G.R.P. MOLDED VE-XFR SERIES GRATING.					
Material	: Vinylester <u>extra</u> fire retardant resin reinforced with continuous glass rovings.					
Color	: Dark grey RAL 7043.					
Density	: 1,5 – 2.					
Standard panel sizes	:					
Width [mm]	Length [mm]	Thickness [mm]	Mesh [mm]	Open area [%]	Weight [kg / m ²]	Weight per panel [kg]
1225	4580	13	51x51	78	3,9	21,9
914	3048	25	38x38	70	12,2	34,0
1219	2438	25	38x38	70	12,2	36,5
1000	4000	30	38x38	70	14,1	56,4
1225	2980	30	38x38	70	14,1	51,5
1000	1990	30	19x19	48	17,0	34,0
1000	2980	30	19x19	48	17,0	50,7
914	3048	38	38x38	70	18,3	51,0
1219	2438	38	38x38	70	18,3	54,5
1524	3048	38	38x38	70	18,3	85,0
1000	2000	38	38x38	70	18,3	36,6
1000	3000	38	38x38	70	18,3	54,9
1000	4035	38	38x38	70	18,3	73,9
1219	3658	38	38x38	70	18,3	81,4
1645	2980	38	19x19	48	21,9	107,3
Tolerances	: Length, width		± 1 mm			
	: Thickness		± 2 mm			
	: Warping		< 10 mm / m ² (* Not valid for 13 mm thickness).			
	: Weight		± 5%			
	: Color deviation		Close to specified RAL-code.			
Load capacity	: Load deflection data based on walkway applications L/D = 100 (= 1 %), consult Fiberstruct deflection table for specific load data.					
Glass / resin mix ratio	: Approx. 30 / 70 % by weight.					
Fire retardancy	: 1. Self extinguishing. 2. According to ASTM E 84-05. Flame spread index (FSI): ≤ 10 Smoke developed index (SDI): ≤ 1100 3. DNV type approval					
Operating temperature range	: - 40 °C / 93 °C. For inside and outside applications (Ultra violet resistant).					
Slip resistancy	: R13 according to BGR 181 and DIN 51130.					
Others	: 1. Not electrical conductive. 2. Low thermal conductivity. 3. Voids, streaking and chip-outs according to Fiberstruct standards.					
Doc. No:	spec. by	: ing. L. Ondušková	checked by	: ir. P.J. Eijke		
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