ORALITE® 5938MFLEX

Flexible Prismatic Construction Grade

Reflective Properties

Reflective Technology: Prismatic , Reflectivity classes: RA2, Reflection norm: ORALITE® 5938MFlex - Tabelle 1 (EN 12899-1 RA2), ORALITE® 5938MFlex - Tabelle 2 (DIN 67520), ORALITE® 5938MFlex - Tabelle 3 (EN12899-1)

Areas of Application

- Construction sites

Total thickness

- 0.48 mm
  (product.properties.product_structure.general_group.total_thickness_block.total_thickness_note.id.3965.022b841

Technical properties

RESISTANCE

Durability	5 Year(s)	when properly processed and exposed vertically outdoors, standard Central European climate
Shelf Life	1 Year(s)	in original packaging at 20 °C and 50 % relative humidity
Resistance to solvents and chemicals	Oils, Greases, Fuels, Aliphatic solvents, Weak acids, Salts and alkalis	
Temperature resistance	Minimum temperature -20 °C Maximum temperature 60 °C	standard central European climate

PROCESSING

Recommended printing procedure	Screen printing	

Table 1 - Specific coefficient of retroreflection R' in cd / (lx m²) [Minimum values] (New condition; EN 12899-1 RA2)

Observation Angle		0.2°			0.33°			2°		
Entrance angle		5°	30°	40°	5°	30°	40°	5°	30°	40°
White	(010)	250	150	110	180	100	95	5	2.5	1.5

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Table 2 - Specific coefficient of retroreflection R' in cd / (lx m²) [Typical values] (New condition; DIN 67520)

Observation Angle		ORALITE® 5938MFlex typical		DIN 67520 - Class RA3A	
-		0.33°		0.33°	
Entrance angle		5°	30°	5°	30°
White	(010)	460	260	425	225

Table 3 - Chromaticity coordinates (New condition; Daylight ; CIE No. 15.2)

Colours		1		2		3		4		Luminance factor β
		x	y	x	y	x	y	x	y	
White	(010)	0.305	0.315	0.335	0.345	0.325	0.355	0.295	0.325	≥ 0.27

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