

**Attachment to Certificate of constancy of performance 0913 - CPR - 2015 / 01  
(2 pages)**

The above certified retroreflective sheeting ORALITE® 5510 Engineer Grade to be used for fixed, vertical road traffic signs is admitted for the following original dyed colours:

**Original dyed retroreflective sheeting:**

Colour	Name of the product	Visibility characteristics		Durability	
		Daylight chromaticity & luminance factor 4.1.1.3	Coefficient of retroreflection 4.1.1.4	Impact resistance 4.1.2.1	Resistance to weathering 4.1.1.5
White	ORALITE® 5510-010 Engineer Grade	CR2	RA1	pass	pass
Yellow	ORALITE® 5510-020 Engineer Grade	CR2	RA1	pass	pass
Red	ORALITE® 5510-030 Engineer Grade	CR2	RA1	pass	pass
Blue	ORALITE® 5510-050 Engineer Grade	CR2	RA1	pass	pass
Green	ORALITE® 5510-060 Engineer Grade	CR2	RA1	pass	pass
Orange	ORALITE® 5510-035 Engineer Grade	CR2	RA1	pass	pass
Brown	ORALITE® 5510-080 Engineer Grade	CR2	RA1	pass	pass

The above certified microprismatic retroreflective sheeting ORALITE® 5510 Engineer Grade to be used for fixed, vertical road traffic signs is accepted to be coloured by the below listed materials:

**Screenprinting Colours:**

Colour	Name of the product	Visibility characteristics		Durability	
		Daylight chromaticity & luminance factor 4.1.1.3	Coefficient of retroreflection 4.1.1.4	Impact resistance 4.1.2.1	Resistance to weathering 4.1.1.5
on white sheeting	ORALITE® 5510-010 Engineer Grade and				
Yellow	ORALITE® 5018-020 Screen Printing Ink	CR2	RA1	pass	pass
Red	ORALITE® 5018-030 Screen Printing Ink	CR2	RA1	pass	pass
Blue	ORALITE® 5018-050 Screen Printing Ink	CR2	RA1	pass	pass
Green	ORALITE® 5018-060 Screen Printing Ink	CR2	RA1	pass	pass

Colour	Name of the product	Visibility characteristics		Durability	
		Daylight chromaticity & luminance factor EN 12899-1 7.3.1.3	Coefficient of retroreflection EN 12899-1 4.1.1.4	Impact resistance EN 12899-1 4.1.2.1	Resistance to weathering EN 12899-1 4.1.1.5
Black	ORALITE® 5018-070 Screen Printing Ink	NR1	-	pass	pass

The manufacturer of the fixed vertical road traffic sign is responsible for conformity with the mandated characteristics according to EN 12899-1 by using these materials.

Hagen, 20 February 2016



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