



Výskumný ústav dopravný, a.s.
Forschungsinstitut für Verkehrswesen, AG
Transport Research Institute, J.S.Co.
Veľký Diel 3323, 010 08 ŽILINA



Reg. No. 033/P-001

Autorizovaná osoba SKTC-125, Autorizovaná osoba SK05, Notifikovaný orgán 1358
Authorized Body SKTC-125, Authorized Body SK05, Notified Body 1358

Certificate of constancy of performance

1358 – CPR – 0144/2

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR)*, this certificate applies to the construction product

TRAFFIC SIGNS

are traffic control devices installed permanently for the information, guidance, warning and direction of road users.

Placed on the market under the name or trade mark of

**Highway Safety Developments Ltd.
Knocktopher
Country Kilkenny
Ireland**

and produced in the manufacturing plant

**Highway Safety Developments Ltd.
Knocktopher
Country Kilkenny
Ireland.**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 12899 - 1: 2007

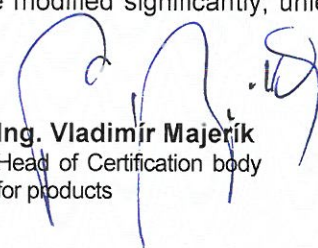
under system 1 for the performances set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 12 November 2015 and will remain valid as long as neither the harmonized standard, the construction product, the assessment and verification of constancy of performance methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Žilina 18 May 2018




Ing. Vladimír Majerík
Head of Certification body
for products

094419

The performance of the construction product

TRAFFIC SIGNS with sheeting	Classes	
	Resistance to horizontal loads: WL6 (WL8, WL9) ^{a)} – PL3 – DSL0 – TDB4 (TDB5) ^{a)} – TDT4 – SP1 – PAF1	
	Daylight chromaticity and luminance factor	Coefficient of retroreflection R _A
ORALITE® 5710 Engineer Grade, white, yellow, red, orange, blue, green and brown colour + ORALITE® 5071 Lettering Film, black colour	CR2, NR1 ^{b)}	RA1
ORALITE® 5710 Engineer Grade, white colour + ORALITE® 5019 UV Digital Printing Ink, yellow, red, orange, blue, green, brown and black colour + ORALITE® 5062 Transparent Film, transparent colourless + ORALITE® 5061 Transparent Film, transparent colourless		
ORALITE® 5910 High Intensity Prismatic Grade, white, yellow, red, blue, green and brown colour + ORALITE® 5081 Lettering Film, black colour + ORALITE® 5090 Anti-Dew Film, transparent colourless, or + ORALITE® 5095 Anti-Graffiti Film, transparent colourless	CR2 ^{c)} , NR1 ^{b)}	RA2
ORALITE® 5910 High Intensity Prismatic Grade, white colour + ORALITE® 5061 Transparent Film, yellow, red, orange, blue, green, brown and transparent colourless + ORALITE® 5081 Lettering Film, black colour		
ORALITE® 5910 High Intensity Prismatic Grade, white colour + ORALITE® 5061 Transparent Film, yellow, red, blue, green and brown colour + ORALITE® 5081 Lettering Film, black colour + ORALITE® 5090 Anti-Dew Film, transparent colourless		
ORALITE® 5910 High Intensity Prismatic Grade, white colour + ORALITE® 5019 UV Digital Printing Ink, yellow, red, blue, orange, green, brown and black colour + ORALITE® 5061 Transparent Film, transparent colourless		
ORALITE® 6910 Brilliant Grade, white, yellow, red, blue, green and brown colour + ORALITE® 5081 Lettering Film, black colour	CR2, NR1 ^{b)}	RA3 ^{d)}
ORALITE® 6910 Brilliant Grade, white, yellow, red, blue, green and brown colour + ORALITE® 5081 Lettering Film, black colour + ORALITE® 5090 Anti-Dew Film, transparent colourless		
ORALITE® 6910 Brilliant Grade, white colour + ORALITE® 5061 Transparent Film, yellow, red, blue, green, brown colour and transparent colourless + ORALITE® 5081 Lettering Film, black colour		
ORALITE® 6910 Brilliant Grade, white colour + ORALITE® 5061 Transparent Film, yellow, red, blue, green and brown colour + ORALITE® 5081 Lettering Film, black colour + ORALITE® 5090 Anti-Dew Film, transparent colourless		

Notes:

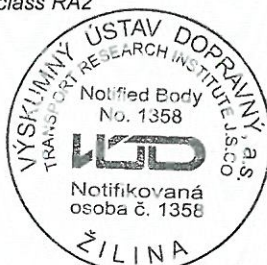
^{a)} TDB and WL classes are determined by the manufacturer according to type of sign.

^{b)} NR1 class applies to non-retroreflective materials

^{c)} For orange colour applies class CR1

^{d)} For brown colour applies class RA2

Žilina 18 May 2018



Ing. Vladimír Majerík
Head of Certification body
for products