



# Certificate of constancy of performance

## 1137-CPR-0474/81

In compliance with Regulation (EU) 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

**Road marking materials - Drop on materials: Glass beads, antiskid aggregates and mixtures of the two**

The products that are covered by this certificate, are enumerated on the following pages

**For circulation areas**

placed on the market under the name or trade mark of

**INTERMINGLASS SP. Z O.O .**

**Ul. Wroclawska 18A PL-58-309 Walbrzych**

and produced in the manufacturing plant

**INTERMINGLASS SP. Z O.O .**

**Ul. Wroclawska 18A PL-58-309 Walbrzych**

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

**EN 1423:2012 + EN 1423:2012/AC:2013**

under system 1 for the performance 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 25/04/2005 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP system nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by COPRO.

The validity of this certificate must be verified on the website from COPRO ([www.copro.eu](http://www.copro.eu)).

Zellik, 18/01/2021

ir. Dirk VAN LOO  
CEO



1137

107 PROD

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COPRO vzw - onpartijdige instelling voor de controle van bouwproducten - asbl COPRO - organisme impartial de controle de produits pour la construction

Z.1. Researchpark - Kranenberg 190 - BE-1731 Zellik (Asse)  
T +32 (0)2 468 00 95 - [info@copro.eu](mailto:info@copro.eu) - [www.copro.eu](http://www.copro.eu)

KBC IBAN BE20 4264 0798 0156 - BIC KREDBEBB - BTW/TVA BE 0424.377.275 - RPR Brussel/RPM Bruxelles





**Certificate of constancy of performance 1137-CPR-0474/81 from 18/01/2021**  
 Drop on materials : Glass beads, antiskid aggregates and mixtures of the two

**1. Glass beads**

Granulometry	212-63	DoP n°	1/CE	Art. N°	150: 62-210
upper nominal sieve	212 µm	sieve	250 µm	212 µm	180 µm
lower nominal sieve	63 µm	cumulative retained mass %	0-2	0-10	3-15
upper nominal sieve	600 µm	sieve	710 µm	600 µm	355 µm
lower nominal sieve	125 µm	cumulative retained mass %	0-2	0-10	30-70
upper nominal sieve	600 µm	sieve	710 µm	600 µm	355 µm
lower nominal sieve	125 µm	cumulative retained mass %	0-2	0-10	30-70
upper nominal sieve	600 µm	sieve	850 µm	600 µm	500 µm
lower nominal sieve	300 µm	cumulative retained mass %	0-2	0-10	20-60
upper nominal sieve	850 µm	sieve	1 mm	850 µm	500 µm
lower nominal sieve	212 µm	cumulative retained mass %	0-2	0-10	15-45
upper nominal sieve	850 µm	sieve	1 mm	850 µm	500 µm
lower nominal sieve	212 µm	cumulative retained mass %	0-2	0-10	10-45
upper nominal sieve	425 µm	sieve	500 µm	425 µm	250 µm
lower nominal sieve	90 µm	cumulative retained mass %	0-2	0-10	20-60
upper nominal sieve	850 µm	sieve	1 mm	850 µm	600 µm
lower nominal sieve	250 µm	cumulative retained mass %	0-2	0-10	15-55
upper nominal sieve	850 µm	sieve	1 mm	850 µm	600 µm
lower nominal sieve	125 µm	cumulative retained mass %	0-2	0-10	5-20
upper nominal sieve	850 µm	sieve	1 mm	850 µm	600 µm
lower nominal sieve	125 µm	cumulative retained mass %	0-2	0-10	5-20
upper nominal sieve	600 µm	sieve	710 µm	600 µm	500 µm
lower nominal sieve	125 µm	cumulative retained mass %	0-2	0-10	10-40
upper nominal sieve	355 µm	sieve	500 µm	355 µm	250 µm
lower nominal sieve	90 µm	cumulative retained mass %	0-2	0-10	20-60
upper nominal sieve	850 µm	sieve	1 mm	850 µm	500 µm
lower nominal sieve	150 µm	cumulative retained mass %	0-2	0-10	10-45
upper nominal sieve	1,18 mm	sieve	1,4 mm	1,18 mm	850 µm
lower nominal sieve	125 µm	cumulative retained mass %	0-2	0-10	10-30
upper nominal sieve	1,18 mm	sieve	1,4 mm	1,18 mm	1,0 mm
lower nominal sieve	300 µm	cumulative retained mass %	0-2	0-10	10-30
upper nominal sieve	710 µm	sieve	1 mm	710 µm	600 µm
lower nominal sieve	125 µm	cumulative retained mass %	0-2	0-10	5-40
upper nominal sieve	850 µm	sieve	1 mm	850 µm	710 µm
lower nominal sieve	125 µm	cumulative retained mass %	0-2	0-10	15-35







## Certificate of constancy of performance 1137-CPR-0474/81 from 18/01/2021

Granulometry	850-180		DoP n°		18/CE		Art. N°		179: 850-180	
upper nominal sieve	850 µm	sieve			1 mm	850 µm	500 µm	425 µm	300 µm	180 µm
lower nominal sieve	185 µm	cumulative retained mass %			0-2	0-10	20-40	35-55	65-85	95-100

  

Granulometry	1180-125		DoP n°		19/CE		Art. N°		182: 1180-125 Echostar 20	
upper nominal sieve	1,18 mm	sieve			1,4 mm	1,18 mm	1,0 mm	850 µm	600 µm	355 µm
lower nominal sieve	125 µm	cumulative retained mass %			0-2	0-10	5-20	10-30	20-60	50-90

with :

refractive index	class A	
Maximum weighted % of defective glass beads	Beads with diameter < 1 mm	Maximum 20 %
Resistance to water, hydrochloric acid, calcium chloride and sodium sulfide	Beads with diameter ≥ 1 mm	Maximum 20 %
Dangerous substances	pass	
Class 1 for As, Pb and Sb		

### 2. Antiskid aggregates Granulometries :

Glass grains	Granulometry		600-125		DoP n°		1/G/CE		Art. N°		420: 100-600	
upper nominal sieve	600 µm	sieve			710 µm	600 µm	355 µm	212 µm	125 µm	90 µm		
lower nominal sieve	125 µm	cumulative retained mass %			0-2	0-10	30-70	70-100	95-100	99-100		
Dangerous substances : Class 1 for As, Pb and Sb												
transparent antiskid aggregate												
Friability index: max. 25												

  

Glass grains	Granulometry		850-212		DoP n°		2/G/CE		Art. N°		429: 125-850	
upper nominal sieve	850 µm	sieve			1 mm	850 µm	500 µm	355 µm	212 µm	125 µm		
lower nominal sieve	212 µm	cumulative retained mass %			0-2	0-10	15-45	55-95	95-100	99-100		
Dangerous substances : Class 1 for As, Pb and Sb												
transparent antiskid aggregate												
Friability index: max. 25												

  

Glass grains	Granulometry		850-250		DoP n°		3/G/CE		Art. N°		414: 400-840	
upper nominal sieve	850 µm	sieve			1 mm	850 µm	600 µm	425 µm	250 µm	150 µm		
lower nominal sieve	250 µm	cumulative retained mass %			0-2	0-10	15-55	70-100	95-100	99-100		
Dangerous substances : Class 1 for As, Pb and Sb												
transparent antiskid aggregate												
Friability index: max. 25												

  

Glass grains	Granulometry		850-250		DoP n°		4/G/CE		Art. N°		479: 850-250	
upper nominal sieve	850 µm	sieve			1 mm	850 µm	600 µm	425 µm	250 µm	150 µm		
lower nominal sieve	250 µm	cumulative retained mass %			0-2	0-10	0-40	60-100	95-100	99-100		
Dangerous substances : Class 1 for As, Pb and Sb												
transparent antiskid aggregate												
Friability index: max. 25												

### 3. Mixtures of glass beads and antiskid aggregates :

The composition of the mixtures and the proportions of the components are mentioned on the product data sheet of the manufacturer and on the labelling of the products. The mixtures are composed of the glass beads mentioned under 1. Glass Beads and the antiskid aggregates mentioned under 2. Antiskid aggregates.

Ir Dirk VAN LOO  
CEO



## DECLARATION OF PERFORMANCE

No. 3/CE

- Unique identification code of the product-type:  
Code 120 ; 100-600
- Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):  
100-600
- Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
*Materials dropped onto paints, thermoplastics and cold plastics, immediately after application to the road surface*
- Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):  
**INTERMINGLASS SP Z O.O.**  
Wroclawska 18A  
58-309 Walbrzych, Polska
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
System 1
- The notified body COPRO (N°1137) performed under system 1 the following tasks:  
- the determination of the product-type on the base of type testing (including sampling),  
- the initial inspection of the manufacturing plant and of factory production control, and  
- continuous surveillance, assessment and evaluation of factory production control,  
*and issued the certificate of constancy of performance 1137- CPR-0474/ 81*
- Declared performance

Essential characteristics	Performance		Harmonised technical specification
	Sieve $\mu$	Cumulative retained %	
Granulometries :	710	0-2	EN 1423:2012 + EN 1423:2012/AC:2013
	600	0-10	
	355	30-70	
	212	70-100	
	125	95-100	
Maximum weighted % of defective glass beads	PASS		
Refractive index of the glass beads	CLASSE A		
Dangerous substances	Classe I : As / Pb / Sb $\leq$ à 200 ppm		
Resistance to water , hydrochloric acid, calcium chloride and sodium sulfide	PASS		

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4:

Signed for and on behalf of the manufacturer by:

Walbrzych / Poland ,

18/01/2021

Sebastian Draus  
Plant Manager

DYREKTOR ZAKŁADU  
Sebastian Draus  
"INTERMINGLASS" Spółka z o.o.  
w Walbrzychu





## Technical information

# THINNERS

- SIGNO E thinner on basis of non-aromatic solvents
- SIGNO HT thinner on basis of non-aromatic solvents
- SIGNO AQ alcohol-based cleaner
- SIGNODUR thinner on basis of acrylic monomers

### DESCRIPTION OF MATERIAL

SIGNO E thinner is used for thinning of one-component and two-component paints on basis of solvents and cleaning of equipment for marking.  
 SIGNO HT thinner is used in case of problems with drying of one-component paints on spray guns at increased air temperatures.  
 SIGNO AQ cleaner is used for cleaning of machine equipment at passing from solvent based to water based system and vice versa.  
 SIGNODUR thinner is used only with approval of manufacturer for thinning of two-component cold plastics SIGNODUR.

### DATA ON MATERIAL

Density SIGNO E thinner:	0,86 ± 0,02 kg/dm <sup>3</sup> (20 °C)
Density SIGNO HT thinner:	0,81 ± 0,02 kg/dm <sup>3</sup> (20 °C)
Density SIGNO AQ thinner:	0,81 ± 0,02 kg/dm <sup>3</sup> (20 °C)
Density SIGNODUR thinner:	0,95 ± 0,02 kg/dm <sup>3</sup> (20 °C)

### CONSUMPTION OF MATERIAL

Depending on temperature and application method the paints are thinned, if necessary with SIGNO E thinner in quantity up to 3%. At increased air temperatures, in case of difficulties with paint drying on basis of non-aromatic solvents on spraying guns, the use of a special thinner for high temperatures SIGNO HT thinner in quantity up to 2% is recommended.  
 Use of SIGNODUR thinner for thinning of two-component cold plastics is allowed at the approval of the manufacturer.

### WARNINGS

### PACKAGING

1 L can SIGNO E thinner  
 22 L pail

### STORAGE

The shelf life of the material, stored in the originally closed packaging in a covered, dry and cool room at the temperature max. 25 °C is minimally 36 months.

### REMARKS

1. Safety instructions are stated in a safety data sheet and on a label.
2. For additional explanations see also [www.helios.si](http://www.helios.si)
3. See additional General instructions to technical information for work with materials intended for road marking.
4. Technical information is the result of knowledge, based on laboratory work and practical experience. In case of use of material out of our control we can take over no responsibility and guarantee only for the quality of material itself. We reserve the right to change the data without preceding notice.

This technical information has supplemented and exchanged all preceding issues.

Helios, Tovarna barv, lakov in umetnih smol, d.o.o.  
 Količevo 65, 1230 Domžale, Slovenija

T +386 1 722 40 00 | F +386 1 722 43 10 | E [info@helios.si](mailto:info@helios.si) | [www.helios.si](http://www.helios.si)



Program odgovornega ravnanja  
 NAŠA ZAVEZA K TRAJNOSTNEMU RAZVOJU

Technical information | T8-6.02E/03-03.2016





Technical information

# SIGNOCRYL HS

one-component paint for marking of asphalt roads

## DESCRIPTION OF MATERIAL

SIGNOCRYL HS is a one-component very fast drying acrylic paint on basis of solvents with high solid content and good physical-chemical characteristics. The paint contains no lead and chromate compounds.

## DATA ON MATERIAL

Color shade:	White, yellow
Density:	1,63 ± 0,04 kg/dm <sup>3</sup> (20 °C)
Density colour shades:	1,56 ± 0,04 kg/dm <sup>3</sup> (20 °C)
Viscosity:	30 – 45 s DIN 53211 – 6 (20 °C)
Solid content:	Min. 75,0 wt.%

## ACCORDANCE WITH CERTIFICATES

ZDZ SILNIČNI VYVOJ certificate	208/C5/2017/10.1
	2017 1DS 02.08
BASi certificate	2018 1 DS 04.07
	2018 1 DS 04.08

<b>WORKING CONDITIONS</b>	Dry surface, free from dust, salts and oil stains. Air temperature in the area between 5°C and 30°C, relative air humidity max. 80%, surface temperature in the area between 5°C and 35°C. The material application out of the defined conditions is possible, yet the drying time will be prolonged.
<b>PREPARATION OF MATERIAL</b>	Prior to use material should be thoroughly mixed. Depending on temperature and application method it may be thinned, if necessary, with SIGNO (E) thinner in quantity up to 3%.
<b>APPLICATION</b>	Application with all air-spray and air-less machines, suitable for the application of one-component road paints.
<b>CONSUMPTION OF MATERIAL</b>	Average consumption of material is 0,5 – 0,9 kg/m <sup>2</sup> , which means 350 – 600 µm wet film (175 – 350 µm dry film).
<b>CONSUMPTION OF DROP-ON MATERIAL</b>	Retro-reflecting characteristics of the markings are achieved by strewing of glass beads in quantity min. 0,3 kg/m <sup>2</sup> max. 5 seconds after the application of the material. The use of glass beads with anti-skid aggregates of granulations up to 800 µm for the markings with the requirements of Type I or the granulations up to 1400 µm for the markings with the requirements of Type II is recommended.
<b>TIME UNTIL PASSED-OVER</b>	At the air and surface temperature 20°C, relative humidity 60% and material consumption 0,6 kg/m <sup>2</sup> is "No-Pick-Up time" max. 10 minutes, the manufacturers recommended time until passed-over is approx. 25 minutes. Under different conditions the drying time is changed.
<b>CLEANING</b>	SIGNO (E) thinner is used for cleaning of machines and equipment.

<b>WARNINGS</b>	The application of the paint on new asphalt surfaces may cause decrease of adhesion and yellowing of a coating film. In case of surface treatment of concrete with protection coatings they should be removed before the application of material. To ensure a suitable adhesion of material to concrete surfaces the substrate should be obligatory impregnated with SIGNO primer 2K PUR.
<b>PACKAGING</b>	30 kg pail 1500 kg container
<b>STORAGE</b>	The shelf life of the material, stored in the originally closed packaging in a covered, dry and cool room at the temperature max. 25°C is minimally 24 months.
<b>REMARKS</b>	<ol style="list-style-type: none"> <li>1. Safety instructions are stated in a safety data sheet and on a label.</li> <li>2. For additional explanations see also <a href="http://www.helios.si">www.helios.si</a></li> <li>3. See additional General instructions to technical information for work with materials intended for road marking.</li> <li>4. Technical information is the result of knowledge, based on laboratory work and practical experience. In case of use of material out of our control we can take over no responsibility and guarantee only for the quality of material itself. We reserve the right to change the data without preceding notice.</li> </ol>

This technical information has supplemented and exchanged all preceding issues.

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 Količevo 65, 1230 Domžale, Slovenija  
 T +386 1 722 40 00 | F +386 1 722 43 10 | E [info@helios.si](mailto:info@helios.si) | [www.helios.si](http://www.helios.si)





# Bundesanstalt für Straßenwesen



Bundesanstalt für Straßenwesen • Postfach 10 01 50 • 51401 Bergisch Gladbach

HELIOS TBLUS d.o.o.  
Kolicevo 65

SLO - 1230 Domžale

Akkreditiertes Prüflabor für den  
Produktbereich 'Fahrbahnmarkierungen'  
Akkreditierungsnummer D-PL-15013-01-00

Unser Zeichen V4z-(EPM) 2020 1DS 04.16  
Auskunft erteilt Frau Zedler  
Telefon 02204 - 43-4401  
E-mail epm@bast.de

Datum 30. Oktober 2020

## Bestätigung über die Prüfung eines Markierungssystems auf der Rundlaufprüfanlage der BAST Prüfnummer: 2020 1DS 04.16

Das Typ I - Markierungssystem für dauerhafte Markierungen aus High-Solid Farbe mit der oben angegebenen Prüfnummer wurde auf der Rundlaufprüfanlage der BAST nach DIN EN 13197 (Ausgabe Juli 2014) bis Verkehrsklasse P 6 (2,0 Mio. Überrollungen) geprüft und erfüllt hierfür alle Mindestanforderungen der DIN EN 1436 (Ausgabe März 2018) bezüglich der verkehrstechnischen Eigenschaften.

- Systembezeichnung: **SIGNOCRYL HS**
- Stoff: **SIGNOCRYL HS, HELIOS TBLUS Količevo, d.o.o.**
- Nassfilmdicke: **400 µm**
- Nachstreumittel: **300 g/m<sup>2</sup>, W.E.I.S.S.K.E.R., DuoLux® 135 AH1 180-850**
- Applikationsverfahren: **Keramik als Gemisch im Verhältnis 3 : 1 in den Reflexkörpern enthalten  
Spritztechnik**

Eigenschaften	Anzahl der Radüberrollungen [Mio]						
	0	0,01	0,1	0,2	0,5	1,0	2,0
Verschleißfestigkeit [%]	100	100	100	100	100	100	100
Griffigkeit [SRT-Einheiten]	58	47	45	44	42	43	42
Nachtsichtbarkeit, trocken $R_L$ [mcd · m <sup>2</sup> · lx <sup>-1</sup> ]	252 <sup>1)</sup>	355	329	339	325	309	281
Tagessichtbarkeit $Q_d$ [mcd · m <sup>2</sup> · lx <sup>-1</sup> ]	218 <sup>1)</sup>	216	219	221	222	224	223
Normfarbwert-Koordinaten	x = 0,324			y = 0,344			

<sup>1)</sup> Dieser Wert dient ausschließlich zur Information des Antragstellers.

Im Auftrag

*M. Zedler*  
(M. Zedler)



Brüderstraße 53  
51427 Bergisch Gladbach  
Postfach 10 01 50  
51401 Bergisch Gladbach  
Telefon: +49 2204 43-0  
Telefax: +49 2204 43-1150  
Internet: www.bast.de



Anlage zum Schreiben der BAST V4z – If (EPM) vom 27. November 2020

Ergebnisse zur BAST-Prüfnummer 2020 1DS 04.16

1. Antragsteller HELIOS TBLUS d.o.o., Domžale
2. Untersuchtes Markierungssystem
- Markierungsart: Typ I - Markierungssystem für dauerhafte Markierungen
  - Systembezeichnung: SIGNOCRYL HS
  - Applikationsverfahren: Spritztechnik
- 2.1 Markierungsstoff
- Stoffhersteller: HELIOS TBLUS Količevo, d.o.o.
  - Stoffart: High-Solid Farbe
  - Stoffbezeichnung: SIGNOCRYL HS
  - Nassfimdicke [ $\mu\text{m}$ ]: 400
- 2.2 Nachgestreute Beistoffe
- Reflexkörper**
- Menge [ $\text{g}/\text{m}^2$ ]: 300
  - Hersteller: W.E.I.S.S.K.E.R.
  - Bezeichnung: DuoLux® 135 AH1 180-850
- Griffigkeitsmittel**
- Art: in den Reflexkörpern als Gemisch im Verhältnis 3 : 1 enthalten
  - Bezeichnung: Keramik F35, 180-850
3. Ermittelte Messwerte
- beantragte Verkehrsklasse: P 6
  - erreichte Verkehrsklasse: P 6 (DIN EN 1436)
  - ermittelte Trockenzeit [min]: 9

Eigenschaften	Anzahl der Radüberrollungen [Mio]						
	0	0,01	0,1	0,2	0,5	1,0	2,0
Verschleißfestigkeit [%]	100	100	100	100	100	100	100
Griffigkeit [SRT-Einheiten]	58	47	45	44	42	43	42
Nachtsichtbarkeit, trocken $R_L$ [ $\text{mcd} \cdot \text{m}^2 \cdot \text{lx}^{-1}$ ]	252 <sup>1)</sup>	355	329	339	325	309	281
Tagessichtbarkeit $Q_d$ [ $\text{mcd} \cdot \text{m}^2 \cdot \text{lx}^{-1}$ ]	218 <sup>1)</sup>	216	219	221	222	224	223
Normfarbwert-Koordinaten	$x = 0,324$			$y = 0,344$			

<sup>1)</sup> Dieser Wert dient ausschließlich zur Information des Antragstellers.

Bitte wenden ->



# Bundesanstalt für Straßenwesen



Bundesanstalt für Straßenwesen • Postfach 10 01 50 • 51401 Bergisch Gladbach

HELIOS TBLUS d.o.o.  
Količevo 65

SLO - 1230 Domžale

Akkreditiertes Prüflabor für den  
Produktbereich 'Fahrbahnmarkierungen'  
Akkreditierungsnummer D-PL-15013-01-00  
Unser Zeichen V4z-(EPM) 2020 1DS 04.17  
Auskunft erteilt Frau Zedler  
Telefon 02204 - 43-4401  
E-mail epm@bast.de

Datum 30. Oktober 2020

## Bestätigung über die Prüfung eines Markierungssystems auf der Rundlaufprüfanlage der BAST Prüfnummer: 2020 1DS 04.17

Das Typ II - Markierungssystem mit groben Nachstreumitteln für dauerhafte Markierungen aus High-Solid Farbe mit der oben angegebenen Prüfnummer wurde auf der Rundlaufprüfanlage der BAST nach DIN EN 13197 (Ausgabe Juli 2014) bis Verkehrsklasse P 6 (2,0 Mio. Überrollungen) geprüft und erfüllt hierfür alle Mindestanforderungen der DIN EN 1436 (Ausgabe März 2018) bezüglich der verkehrstechnischen Eigenschaften.

- Systembezeichnung: **SIGNOCRYL HS**
- Stoff: **SIGNOCRYL HS, HELIOS TBLUS Količevo, d.o.o.**
- Nassfilmdicke: **500 µm**
- Nachstreumittel: **400 g/m<sup>2</sup>, W.E.I.S.S.K.E.R., DuoLux® 133 AH1 425-1180, Keramik im Verhältnis 3 : 1 in den Reflexkörpern enthalten**
- Applikationsverfahren: **Spritztechnik**

Eigenschaften	Anzahl der Radüberrollungen [Mio]						
	0	0,01	0,1	0,2	0,5	1,0	2,0
Verschleißfestigkeit [%]	100	100	100	100	100	100	100
Griffigkeit [SRT-Einheiten]	56	47	44	44	41	41	41
Nachtsichtbarkeit trocken	337 <sup>1)</sup>	447	450	461	467	463	465
R <sub>L</sub> [mcd · m <sup>2</sup> · lx <sup>-1</sup> ] feucht, 2% Neigung	213 <sup>1)</sup>	207	182	167	151	128	119
Tagessichtbarkeit Qd [mcd · m <sup>2</sup> · lx <sup>-1</sup> ]	216 <sup>1)</sup>	213	214	215	215	215	214
Normfarbwert-Koordinaten	x = 0,322			y = 0,342			

<sup>1)</sup> Dieser Wert dient ausschließlich zur Information des Antragstellers.

Im Auftrag

*M. Zedler*  
(M. Zedler)





Anlage zum Schreiben der BASt V4z – If (EPM) vom 27. November 2020

Ergebnisse zur BASt-Prüfnummer 2020 1DS 04.17

1. Antragsteller

HELIOS TBLUS d.o.o., Domžale

2. Untersuchtes Markierungssystem

- Markierungsart: Typ II - Markierungssystem mit groben Nachstreumitteln für dauerhafte Markierungen
- Systembezeichnung: SIGNOCRYL HS
- Applikationsverfahren: Spritztechnik

2.1 Markierungsstoff

- Stoffhersteller: HELIOS TBLUS Količev, d.o.o.
- Stoffart: High-Solid Farbe
- Stoffbezeichnung: SIGNOCRYL HS
- Nassfilmdicke [ $\mu\text{m}$ ]: 500

2.2 Nachgestreute Beistoffe

Reflexkörper

- Menge [ $\text{g}/\text{m}^2$ ]: 400
- Hersteller: W.E.I.S.S.K.E.R.
- Bezeichnung: DuoLux® 133 AH1 425-1180

Griffigkeitsmittel

- Art: Keramik
- Bezeichnung: 40% F30, 300-850 + 60% F16, 600-1400

3. Ermittelte Messwerte

- beantragte Verkehrsklasse: P 6
- erreichte Verkehrsklasse: P 6 (DIN EN 1436)
- ermittelte Trockenzeit [min]: 19

Eigenschaften	Anzahl der Radüberrollungen [Mio]						
	0	0,01	0,1	0,2	0,5	1,0	2,0
Verschleißfestigkeit [%]	100	100	100	100	100	100	100
Griffigkeit [SRT-Einheiten]	56	47	44	44	41	41	41
Nachtsichtbarkeit $R_L$ [ $\text{mcd} \cdot \text{m}^2 \cdot \text{lx}^{-1}$ ]	trocken	337 <sup>1)</sup>	447	450	461	467	463
	feucht, 2% Neigung	213 <sup>1)</sup>	207	182	167	151	128
Tagessichtbarkeit $Q_d$ [ $\text{mcd} \cdot \text{m}^2 \cdot \text{lx}^{-1}$ ]	216 <sup>1)</sup>	213	214	215	215	215	214
Normfarbwert-Koordinaten	x = 0,322			y = 0,342			

<sup>1)</sup> Dieser Wert dient ausschließlich zur Information des Antragstellers.

Bitte wenden ->