

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**

For circulation areas

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

placed on the market under the name or trade mark of

**INTERMINGLASS SP. Z O.O .
Wroclawska 16 PL-58-309 Walbrzych**

and produced in the manufacturing plant

**INTERMINGLASS SP. Z O.O .
Wroclawska 16 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 25/04/05 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product, the AVCP system nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by COPRO.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).

Zellik, 23/08/17



ir. Dirk VAN LOO
CEO

**Certificate of constancy of performance
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Drop on materials : Glass beads, antiskid aggregates and mixtures of the two

1. Glass beads

Granulometries :

212-63 (Art. No. 150: 62-210)									
upper nominal sieve	212 µm	sieve		250 µm	212 µm	180 µm	106 µm	63 µm	
lower nominal sieve	63 µm	cumulative retained mass %		0-2 %	0-10 %	3-15 %	50-90 %	95-100 %	
600-125 (Art. No. 116: 600-125)									
upper nominal sieve	600 µm	sieve		710 µm	600 µm	355 µm	212 µm	125 µm	
lower nominal sieve	125 µm	cumulative retained mass %		0-2 %	0-10 %	30-70 %	70-100 %	95-100 %	
600-125 (Art. No. 120: 100-600)									
upper nominal sieve	600 µm	sieve		710 µm	600 µm	355 µm	212 µm	125 µm	
lower nominal sieve	125 µm	cumulative retained mass %		0-2 %	0-10 %	30-70 %	70-100 %	95-100 %	
600-300 (Art. No. 169: 300-600)									
upper nominal sieve	600 µm	sieve		850 µm	600 µm	500 µm	300 µm		
lower nominal sieve	300 µm	cumulative retained mass %		0-2 %	0-10 %	20-60 %	95-100 %		
850-212 (Art. No. 129: 125-850)									
upper nominal sieve	850 µm	sieve		1 mm	850 µm	500 µm	355 µm	212 µm	
lower nominal sieve	212 µm	cumulative retained mass %		0-2 %	0-10 %	15-45 %	55-95 %	95-100 %	
850-212 (Art. No. 134: 125-850)									
upper nominal sieve	850 µm	sieve		1 mm	850 µm	500 µm	355 µm	212 µm	
lower nominal sieve	212 µm	cumulative retained mass %		0-2 %	0-10 %	10-45 %	45-85 %	95-100 %	
425-90 (Art. No. 115: 100-400)									
upper nominal sieve	425 µm	sieve		500 µm	425 µm	250 µm	150 µm	90 µm	
lower nominal sieve	90 µm	cumulative retained mass %		0-2 %	0-10 %	20-60 %	60-95 %	95-100 %	
850-250 (Art. No. 159: 400-840)									
upper nominal sieve	850 µm	sieve		1 mm	850 µm	600 µm	425 µm	250 µm	
lower nominal sieve	250 µm	cumulative retained mass %		0-2 %	0-10 %	15-55 %	70-100 %	95-100 %	
850-125 (Art. No. 140: 850-125)									
upper nominal sieve	850 µm	sieve		1 mm	850 µm	600 µm	355 µm	212 µm	125 µm
lower nominal sieve	125 µm	cumulative retained mass %		0-2 %	0-10 %	5-20 %	35-75 %	75-100 %	95-100 %
850-125 (Art. No. 170: 180-850)									
upper nominal sieve	850 µm	sieve		1 mm	850 µm	600 µm	355 µm	212 µm	125 µm
lower nominal sieve	125 µm	cumulative retained mass %		0-2 %	0-10 %	5-20 %	35-75 %	75-100 %	95-100 %
600-125 (Art. No. 127: 125-630)									
upper nominal sieve	600 µm	sieve		710 µm	600 µm	500 µm	355 µm	212 µm	125 µm
lower nominal sieve	125 µm	cumulative retained mass %		0-2 %	0-10 %	10-40 %	35-75 %	75-100 %	95-100 %
355-90 (Art. No. 110: 80-300)									
upper nominal sieve	355 µm	sieve		500 µm	355 µm	250 µm	150 µm	90 µm	
lower nominal sieve	90 µm	cumulative retained mass %		0-2 %	0-10 %	20-60 %	60-95 %	95-100 %	
850-150 (Art. No. 164: 150-850)									
upper nominal sieve	850 µm	sieve		1 mm	850 µm	500 µm	355 µm	212 µm	150 µm
lower nominal sieve	150 µm	cumulative retained mass %		0-2 %	0-10 %	10-45 %	45-85 %	90-100 %	95-100 %
1180-125 (Art. No. 197: Starlitebead® 200B)									
upper nominal sieve	1,18 mm	sieve		1,4 mm	1,18 mm	850 µm	500 µm	355 µm	212 µm
lower nominal sieve	125 µm	cumulative retained mass %		0-2%	0-10%	10-30%	30-60%	60-85%	85-100%
1180-300 (Art. No. 196: Starlitebead® 300A)									
upper nominal sieve	1,18 mm	sieve		1,4 mm	1,18 mm	1,0 mm	710 µm	600 µm	425 µm
lower nominal sieve	300 µm	cumulative retained mass %		0-2%	0-10%	10-30%	30-60%	60-85%	85-100%



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with :

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

**2. Antiskid aggregates
Granulometries :**

antiskid aggregates glass grains 600-125 (Art. No. 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				
antiskid aggregates glass grains 850-212 (Art. No. 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				
antiskid aggregates glass grains 850-250 (Art. No. 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				

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.

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CEO