

**EC Declaration of Performance  
Synmix® HP 55**

**CUSTOMER  
INFORMATION**

1. Unique identification code of the product: Synmix® HP 55
2. Intended use :  
Synmix® HP 55 are polymer fibres for STRUCTURAL USE in concrete, mortar and grout. (class II - macro fibres)
3. Manufacturer: NV BEKAERT SA Bekaertstraat 2, B-8550 Zwevegem, Belgium
5. System of assessment and verification of constancy of performance of the construction product:  
System n°1
- 6a. Harmonized Standard:EN 14889-2: 2006.  
Notified Body:  
BCCA - registration nr: 0749 / B-1040 Brussels, Aarlenstraat - Rue d' Arlon, 53
7. Declared performance: the essential characteristics per product type are listed in table 1.

The performance of the products above and listed in table 1, is in conformity with the declared performance in point 7.

This declaration of performance is issued, in accordance with regulation (EU) N°305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:  
Raf Rentmeesters, Senior Vice President Building Products - NV Bekaert SA

Approved by:  
Raf Rentmeesters

Issued and signed on version date, Zwevegem–Belgium



Disclaimer: This Customer Information shall not constitute a guarantee for any specific use of the product. Final determination of suitability of this material is the sole responsibility of the user.

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Addendum to pt 7. Declared Performance on essential characteristics – see table 1

Table 1: Declaration on essential characteristics in accordance with EN 14889-2: 2006.	
Product type	HP 55
EC Certificate of constancy of performance	BC1-251-24-0076-10
Fibre shape	corrugated wavy
Bundling	loose
Coating	No
Length (mm)	55
Diameter (mm)	0,64
Aspect Ratio	86
Tensile Strength (N/mm <sup>2</sup> )	510
Effect on consistence (s)	12
Effect on strength of concrete (kg/m <sup>3</sup> )	4
Modulus of elasticity (N/mm <sup>2</sup> )	6200
Polymer Type	Class II - macro fibres
Melting point (°C)	165
Point of ignition (°C)	≥ 330
Release of dangerous substances	No
Durability	NPD

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