

**EC Declaration of Performance
Synmix® HP 47**

**CUSTOMER
INFORMATION**

1. Unique identification code of the product: Synmix® HP 47
2. Intended use :
Synmix® HP 47 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.

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

EC Declaration of Performance Synmix® HP 47

CUSTOMER INFORMATION

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	Synmix® HP 47
EC Certificate of constancy of performance	BC1-251-24-0062-11
Fibre shape	Flat ribbed
Bundling	loose
Coating	No
Length (mm)	47
Diameter (mm)	0,39
Aspect Ratio	120
Tensile Strength (N/mm ²)	330
Effect on consistence (s)	14
Effect on strength of concrete (kg/m ³)	3,45
Modulus of elasticity (N/mm ²)	2400
Polymer Type	class II - macro fibres
Melting point (°C)	165
Point of ignition (°C)	≥ 330
Release of dangerous substances	No
Durability	NPD

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