

**EC Declaration of Performance
Dramix®**

**CUSTOMER
INFORMATION**

1. Unique identification code of the product: **Dramix® Rx xx/xx xx**
with different length / diameter combinations - product type see table 1.
2. Type- and traceability info, allowing identification of the construction product as required pursuant to Article 11(4): is provided on the product packaging and product label
eg. *Dramix® RC 80/60 BP*
3. Intended use of the construction product in accordance with **EN 14889-1: 2006**
The product **Dramix®** are steel fibres, made of cold-drawn wire, for **STRUCTURAL USE** in concrete, mortar and grout.
4. Name, registered trade name and contact address of the manufacturer as required pursuant to Article 11(5): **NV BEKAERT SA** Bekaertstraat 2, B-8550 Zwevegem, Belgium.
5. Not applicable
6. System of assessment and verification of constancy of performance of the construction product:
System n°1
7. Notified Certification Body: BCCA - registration nr: 0749 / B-1040 Brussel, Rue d' Arlon 53,
performed under system 1:
 - determination of the product-type on the basis of Type Testing,
 - initial inspection of the manufacturing plant and of Factory Production Control,
 - continuous surveillance, assessment and evaluation of Factory Production Control,**issued:** a 'certificate of constancy of performance' per product – see table 1.

Notified Labs:

 - WTCB registration nr: 1136 / B-1000 Brussel, Lombardstraat 42,
 - TSUS registration nr: 1301 / SK-821 04 Bratislava, Studená 3,**performed:** Initial Type Testing and issued ITT reports – see table 2.
8. Not applicable
9. Declared performance:
the essential characteristics per product type are listed in table 1.
10. The performance of the products identified in points 1 and 2 and listed in table 1, are in conformity with the declared performance in point 9.
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:
Paul De Geyter, senior Quality manager NV Bekaert SA



Approved by:
Sr. CQA manager Bekaert
P. De Geyter
Issue date: 2013/06/25




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Addendum to pt 9. Declared Performance on essential characteristics – see table 1 in accordance with EN 14889-1:2006

Table 1: Declaration on essential characteristics per Dramix® product type

Product Type	EC Certificate of constancy of performance Issued by notified body	Bundling	Coating	Length	Diameter	Aspect Ratio	Tensile Strength	Effect on consistence	Effect on strength of concrete
Dramix®	ref. number ⁽¹⁾			(mm)	(mm)		(N/mm ²)	(s)	(kg/m ³)
Ready	BC1-251-0024-0051-xxx	glued	-	60	0,75	80	1225	8	8
RC - 90/35 - BP	BC1-251-0024-0058-002	glued	-	35	0,38	92	3070	8	15
RC - 80/60 - BP	BC1-251-0024-0013-002	glued	-	60	0,71	85	2600	8	10
RC - 80/60 - CP	BC1-251-0024-0013-002	glued	zinc	60	0,71	85	2600	8	10
RC - 80/30 - BP	BC1-251-0024-0010-002	glued	-	30	0,38	79	3070	8	25
RC - 80/30 - CP	BC1-251-0024-0010-002	glued	zinc	30	0,38	79	3070	8	25
RC - 80/60 - BM	BC1-251-0024-0053-002	glued	-	60	0,75	80	1550	8	10
DUO – 100	BC1-251-0024-0024-001	glued	-	60	0,75	80	1225	8	10
DUO – 150	BC1-251-0024-0024-001	glued	-	60	0,75	80	1225	8	10
FL - 45/50 - BN	BC1-251-0024-0035-002	loose	-	50	1,05	48	1115	8	18
FL - 65/60 - BN	BC1-251-0024-0037-002	loose	-	60	0,90	67	1160	8	15
All types :	Release of dangerous substances : No Durability: NPD Modulus of elasticity: 200GPa								

(1) xxx - certificate available for different plants

Addendum to pt 7. Reports issued under surveillance of Notified body – see table 2

Table 2: related ITT reports

Characteristic	Report reference	origin of report
ITT- Wire Tensile Strength :0,55 - 0,75 - 0,90 bright	651 XG 269 – CAR 7194-2	WTCB
ITT- Wire Tensile Strength : 1,05 bright normal	651 XG 269 – CAR 7194-3	WTCB
ITT - Wire Tensile Strength : 0,38 HICA	651 XG 552 – CAR 8056-1	WTCB
ITT - Wire Tensile Strength : 0,71 HICA	651 XG 557 – CAR 8205	WTCB
ITT - Wire Tensile Strength : 0,75 BM	N°20-12-0409	TSUS
ITT- Effect on Consistency - vébé	DE 611XB 068/7	WTCB
ITT - Effect on strength :		
RC80/30BP-CP (based on ZP308)	DE 611XB 068/6	WTCB
Duo100-150 & RC80/60BP-CP-BM (based on RC80/60BN)	DE 611XB 068/2	WTCB
FL 45/50 BN	DE 611XB 129/1	WTCB
FL 65/60 BN	DE 611XB 129/4	WTCB
Ready	S 04/09/0234/1402/CB	TSUS