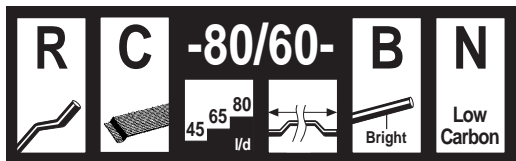




# Dramix®



## Description:

Dramix® fibres are filaments of wire, deformed and cut to lengths, for reinforcement of concrete, mortar and other composite materials. Dramix® RC-80/60-BN is a cold drawn wire fibre, with hooked ends, and glued in bundles.



## Applications:

- jointless floors
- suspended ground slabs
- jointless floors on vibrocompacted piles
- industrial floors
- slabs on vibro-compacted piles
- liquid tight floors
- overlays
- pavements
- segmental linings
- compression layers
- cellar walls
- precast

## Geometry:



60 mm



0,75 mm

**80** Performance class: 80  
Aspect ratio (= l/d): 80

4600 fibres/kg

## Tensile strength:

- on the wire: minimum 1050 N/mm<sup>2</sup>
- low carbon conforms to EN 10016-2 - C9D

## Coating: None

## Approvals:

Conforms to **ASTM A820**

Product

Belgium  
**ATG 04/1857**

The Netherlands  
  
**22702**

Turkey  
**TS 10513**

Czech Republic  
**C.070-021415**

Quality System in Belgian, Brazilian, Czech, Turkish and Chinese plants



Product

Poland  
**AT-15-2117/2001**

Romania  
**007-01/068-2003**

Germany  
**Z-3.71-1745**

Slovak Republic  
**1402A/02/0771/1/C/C04**

## Technical data:

For industrial floors, floors on vibrocompacted piles, jointless floors... ask for specialized documentation.

## Recommendations - mixing

### 1. General

- ✓ preferably use a central batching plant mixer
- ✓ recommended maximum dosage:

Max. aggregate size (mm)	Dosage (kg/m <sup>3</sup> )	
	pour	pump
8	60	45
16	50	35
32	35	30

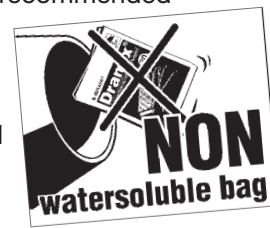
- ✓ a continuous grading is preferred
- ✓ mix until all glued fibres are separated into individual fibres. Fibres don't increase mixing time significantly.



- ✓ if special cements or admixtures are used, a preliminary test is recommended

### 2. Fibre addition

Bags are non-degradable and may not be thrown into the concrete.



#### 2.1. In batching plant mixer

- ✓ never add fibres as first component in the mixer
- ✓ fibres can be introduced together with sand and aggregates, or can be added in freshly mixed concrete



#### 2.2. Truckmixer

- ✓ run mixer at drum speed: 12-18 rpm
- ✓ adjust slump to a min. of 12 cm (preferably with water reducing agents or high water reducing agents)
- ✓ add fibres with maximum speed of 40 kg/min
- ✓ optional equipment: belt-hoist elevator
- ✓ after adding the fibres, continue mixing at highest speed for 4-5 min. (± 70 rotations)



#### 2.3. Automatic dosing

- ✓ Fibres can be dosed from bulk at rates from 0 up to 3,5 kg/sec with a specially developed dosing equipment



## Recommendations - storage

 Protect the pallets against rain	 Do not stack the pallets on top of each other	<b>Delivered in</b>  non water-soluble bags of 20 kg on pallet 1200 kg big bag 1100 kg
--------------------------------------	---	---

N.V. Bekaert S.A. - Bekaertstraat 2 - 8550 Zwevegem - Belgium  
Tel. +32 (0) 56 / 76 69 86 - Fax +32 (0) 56 / 76 79 47  
Internet: <http://www.bekaert.com/building>

Values are indicative only. Modifications reserved. All details describe our products in general form only. For ordering and design only use official specifications and documents. N.V. Bekaert S.A. 2005