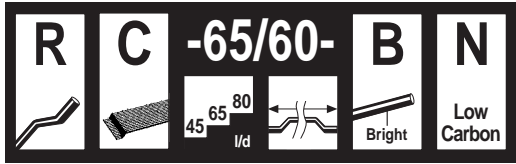




# Dramix®



## Description:

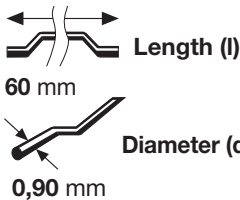
Dramix® fibres are filaments of wire, deformed and cut to lengths, for reinforcement of concrete, mortar and other composite materials. Dramix® RC-65/60-BN is a cold drawn wire fibre, with hooked ends, and glued in bundles.



## Applications:

- slabs on vibrocompacted piles
- liquid tight floors
- industrial floors
- overlays
- piles
- suspended ground slabs
- composite slabs
- segmental linings
- cellar walls
- pavements
- jointless floors
- jointless floors on vibrocompacted piles
- outdoor slabs
- foundation slabs

## Geometry:



<b>65</b>	Performance class: <b>65</b>
<b>45 65 80</b> l/d	Aspect ratio (= l/d): <b>67</b>
3200 fibres/kg	

## Tensile strength:

- on the wire: 1000 N/mm<sup>2</sup>
- low carbon conforms to EN 10016-2 - C9D

## Coating:

None

## Approvals:

<b>Conforms to</b> <b>ASTM A820</b>
<b>Product</b> <b>Belgium</b> <b>ATG 04/1857</b>
<b>The Netherlands</b>  <b>22702</b>
<b>Turkey</b> <b>TS 10513</b>
<b>Czech Republic</b> <b>C.070-021415</b>

<b>Quality System in</b> Belgian, Brazilian, Czech, Turkish and Chinese plants  <b>Dramix</b>
<b>Product</b> <b>Poland</b> <b>AT-15-2117/2001</b>
<b>Romania</b> <b>007-01/068-2003</b>
<b>Germany</b> <b>Z-3.71-1745</b>
<b>Slovak Republic</b> <b>1402A/02/0771/1/C/C04</b>

## 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	110	80
16	70	55
32	60	45

- ✓ 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 60 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
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