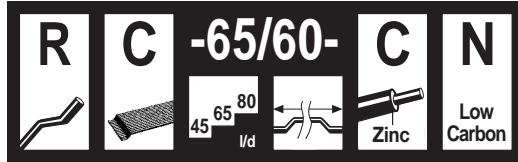




# Dramix®



## 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-CN is a galvanised glued cold drawn wire fibre, with hooked ends.



## Applications:

- precast
- cellar walls

## Geometry:



Length (l)

60 mm



Diameter (d)

0,90 mm

**65** Performance class: **65**

**45 65 80** Aspect ratio (= l/d): 67

3200 fibres/kg

## Tensile strength:

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

## Coating: Zinc

## Approvals:

Conforms to  
**ASTM A820**

Product

Belgium

**ATG 04/1857**

Poland

**AT-15-2117/2001**

Czech Republic

**C.070-021415**

Slovak Republic

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

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



Product

The Netherlands



**22212**

Romania

**007-01/068-2003**

## 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

Delivered in



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>

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