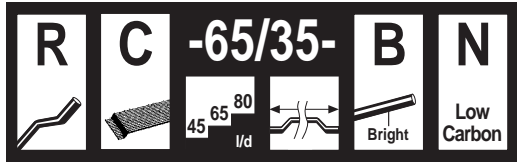




Dramix®



Description:

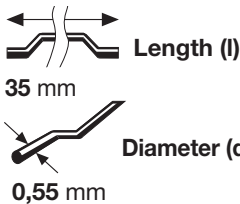
Dramix® fibres are filaments of wire, deformed and cut to lengths, for reinforcement of concrete, mortar and other composite materials. Dramix® RC-65/35-BN is a cold drawn wire fibre, with hooked ends, and glued in bundles.



Applications:

- shotcrete
- screeds
- precast
- overlays
- compression layers

Geometry:



65	Performance class: 65
	Aspect ratio (= l/d): 64
14 500 fibres/kg	

Tensile strength:

- on the wire: minimum 1100 N/mm²
- low carbon conforms to EN 10016-2 - C9D

Coating:

None

Approvals:

Conforms to
ASTM A820

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

Product
Belgium
ATG 04/1857
Turkey
TS 10513
Germany
Z-3.71-1745
Czech Republic
C.070-021415

Product
Poland
AT-15-2117/2001
Romania
007-01/068-2003
Slovak Republic
1402A/02/0771/1/C/C04

Technical data:

For shotcrete, ... 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 ³)	
	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
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