

## Product Data Sheet



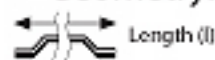
- Description:** *imix* **XS** fibers are filaments of wire, deformed and cut to lengths, for reinforcement of concrete, mortar and other composite materials. *imix* **XS** RC-65/60-BN is a cold drawn wire fiber, with hooked ends, and glued in bundles.



### Applications:

Slab on Piles	Overlays
Liquid Tight Floors	Piles
Industrial and warehouse floors	Foundations

### Geometry:



Length (l)

60 mm (2 3/8 in)



Diameter (d)

0.90 mm (0.035 in)

<b>65</b>	Performance class: 65
<b>65/60</b>	Aspect ratio (= l/d): 67

3200 fibers/kg  
1450 fibers/lb

### Tensile strength:

- on the wire: minimum 1000 N/mm<sup>2</sup> (145 ksi)

### Coating: None

### Approvals:

Conforms to  
**ASTM A820**

Quality System in



### Technical data:

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

## Recommendations - mixing

### 1. General

preferably use a central batching plant mixer  
recommended maximum dosage:

Dosage (kg)	Aggregate size		
	1/16" to 5/16"	3/16" to 5/8"	3/16" to 1 1/4"
pour	185	120	100
pump	135	90	75

a continuous grading is preferred  
mix until all glued fibers are separated into individual fibers. Fibers don't increase mixing time significantly.

If special cements or admixtures are used, a preliminary test is recommended



### 2. Fiber addition

#### 2.1. In batching plant mixer

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



#### 2.2. Truckmixer

run mixer at maximum drum speed: 12-18 rpm  
adjust slump to a min. of 12 cm (5 in)  
(preferably with water reducing agents or high water reducing agents)  
add fibers with maximum speed of 60 kg/min (132 lb/min)  
after adding the fibers, continue mixing at highest speed for 4-5 min. (± 70 rotations)

#### 2.3. Automatic dosing

Fibers can be dosed from bulk at rates up to 3.5 kg/sec (8 lb/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



20 kg (44 lb)  
non water-soluble  
bags on pallet  
1200 kg  
(2645 lb)



big bag  
1100 kg  
(2425 lb)