



Dramix®

## Our recommendations, from handling to pumping

### Stacking of units

### Safety precautions

### Transport

- By truck: no stacking allowed
- By container: allowed with precautions\*

### Warehouse storage

- Racks: no stacking allowed
- Floor: allowed with precautions\*

\* Precautions: obtain stability of the upper unit (e.g. put wooden plate in between)

### Handling



### Before adding fibres

### Maximum dosage depends on:

- Concrete composition
- Placing method
- Type of application

### Bekaert recommendations:

- Preferably use a central batching plant mixer
- A continuous grading and sieve curve
- Sufficient fines and mortar content

### Note:

- Depending on dosage and fibre type, fibres reduce the slump
- Adjust required consistency preferably with mid-range or high-range water reducers
- If you plan to work with glued fibres, stored in < 6° C, in combination with automatic dosing systems, please contact our organization beforehand.

### Dosing

### Plant mixers

- Introduce fibres together with sand and aggregates, OR: Add fibres to fresh mixed concrete
- Never add fibres as a first component

### Truck mixers

- Add fibres continuously at a maximum of 40 kg/min
- Never add fibres as a first component
- Never fill drum completely with concrete in order to achieve even fibre distribution

### Mixing

### Plant mixers

No special mixing requirements in terms of speed or time of mixing.

### Truck mixers

- Run maximum drum rotation during the addition of fibres.
- After addition of fibres, continue mixing the concrete for 1 min./m<sup>3</sup> with a minimum of 5 minutes.

Mixing time depends on the efficiency of the mixing equipment

### Quality control

- Workability
- Air content
- Separation of fibre bundles when using glued fibres
- Homogenous fibre distribution in the concrete

Before using fibre concrete, a preliminary test must be done

### Pumping

Hose diameter > 80 mm  
Place the shute min. 35 cm above the concrete pump hopper grill.

For complicated pump lines or concrete compositions, a trial is recommended prior to execution