



HANDLING



- Gloves and eye protection must be used!

- Keep dry

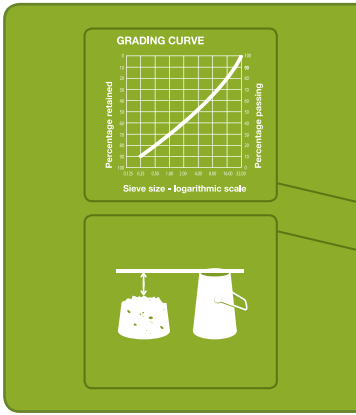
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BEFORE ADDING FIBRES



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
- Optimum slump before fibre addition > 12 cm

Note:

- Depending on dosage and fibre type, fibres reduce the slump
- Adjust required consistency only with (super) plasticizers

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Bags are non degradable

- ✓ Introduce fibres with sand and aggregates
- ✓ Add fibres to fresh mixed concrete
- ✗ Never add fibres as a first component

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

If blower blast equipments are used (not needed for Dramix® fibres) the suitability should be tested on beforehand

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Speed Dramix® Easy Dose fibres (RB types) can be dosed continuously at a maximum of 60 kg/min



Mixing time depends on the efficiency of the mixing equipment

- ✓ **DO:** drum rotation speed > 12 rpm
- **Mixing time:** after adding all fibres, mix 1 minute/m³ concrete and not less than 5 min

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QUALITY CONTROL



Before using fibre concrete, a preliminary test must be done

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

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PUMPING



Hose diameter > 1,5 x fibre length

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