

# Mixing of Dramix Steel Fibres

## In Readymix Trucks

There are three ways of mixing Dramix:

### Method 1.

Dramix can be added like an extra aggregate, directly to the weighing hopper by front-end loader, preferably as the middle layer between the aggregates (Figure 1). This method is only suitable for the front-end loader plants. No extra mixing time is required.

### Method 2.

If a conveyor belt is accessible, Dramix can be added to the moving conveyor belt during or after adding the aggregates (Figure 2). No extra mixing time is required.

### Method 3.

Dramix can be added from the slump stand or on site after all other mix components have been batched and mixed (Figure 3):

- While the truck is rotating at mixing speed (ie.  $\geq 12$  rpm), open the bags and add fibres no faster than the mixing concrete carries them away, around 60kg/minute. *Do not empty the contents of a whole bag in a single slug.*
- Rotate the truck at mixing speed for 5 minutes after all bags have been added.

Figure 1. Front End Loader



Figure 2. Conveying Belt



Figure 3. Adding to Truck



*Dramix steel fibres are glued into bundles, making the dosing and mixing process easy and reliable. The glue will be softened by the mixing water. Dramix fibres correctly dosed should never ball, even at very high dosages.*

**Do not introduce Dramix steel fibres into the mix as the first ingredient to contact water.**

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