

PUMPER[®]

Set-Retarding Concrete Admixture



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PUMPER[®] is a liquid concrete pump-line retarder that reduces the hydration rate and delays setting. It is intended to keep concrete from stiffening inside pump lines during movement between concrete production stations.

Applications

- Concrete placements where mixer arrival at the pumping station is delayed
- Moving a concrete pump during hot weather
- Moving a pump between distant stations
- Delaying the setting of concrete remaining in pump lines

Approvals / Standards

- ASTM C494 Type B
- EN 934
- INSO 2930

Advantages / Benefits

- Limited plasticising action
- Delayed onset of hydration
- Delayed initial and final setting
- Easier concrete placement in hot regions
- Longer concrete holding time in pump lines
- More time to relocate the concrete pump
- Loosening stiff concrete in the pump line

Guideline for Use

After concrete placement is complete, add the measured PUMPER dosage to the pump hopper where the mixer discharges. Place the pump line in the hopper and pump the concrete at low speed so that the product mixes with the concrete before moving the pump to the next station.

Dosage

0.1 to 0.8% by weight of cement. The exact dosage is determined under laboratory conditions according to air temperature, concrete temperature, cement content and the required setting delay.

Storage

+10°C to +30°C, in dry conditions and away from direct sunlight

Packaging

20 kg can

Shelf Life

One year from production in the original packaging

Health and Safety

- Do not swallow and avoid contact with the eyes.
- In case of accidental skin or eye contact, rinse immediately with plenty of fresh water.
- If swallowed, seek medical attention immediately.
- Refer to the Safety Data Sheet (MSDS).
- Non-flammable.

Basis Of Data

Product Information

Density	1.1 ± 0.05 g/cm ³
Chloride ion content	None



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