

PUMP AID 100

Concrete Pumping Aid

Description

Pump Aid 100 is a dry powdered concrete pumping aid packaged in pouches. **Pump Aid 100** is uniquely formulated to provide the concrete pumper with a cost-effective method for improving the pumpability of hard to pump and/or harsh concrete and grout mixes. Additionally, **Pump Aid 100** reduces line pressure, improves flow properties, and increases the rate and range of pumpability.

Pump Aid 100 does not contain calcium chloride, nitrates, nitrites, or other potentially corrosive materials and is compatible with all standard concrete materials. In addition, **Pump Aid 100** contains no bentonite, cementitious materials, soaps, or air entraining agents.

Advantages

- ✓ Increases ease and range of pumpability
- ✓ Decreases wear on equipment
- ✓ Decreases horsepower required for pumping
- ✓ Reduces friction and line pressure
- ✓ Improves mobility and consolidation
- ✓ Reduces the running time to save cost to fuel
- ✓ Minimizes slump and air loss through pumplines
- ✓ Reduces dewatering of concrete
- ✓ Non-need for expensive ready-mixed priming grout
- ✓ Eliminates the need for carrying bagged cement
- ✓ Easy to handle packing

Directions for use

Case 1 – For pumps with Priming Ports

- ✓ Use one 100 g pouch in 30 L of water to prime 75 m of pumpline.
- ✓ Remove the pouch and add the **Pump Aid 100** to 30 L of water. Mix for 2 to 3 minutes.

- ✓ Allow the mixture to set for at least five minutes.
- ✓ Remix for one minute and pour the primer gel liquid just prior to pumping.

Case 2 – For pumps to be primed via hopper

- ✓ Mix **Pump Aid 100** as described in CASE 1.
- ✓ Fill water in the hopper as normal for priming.
- ✓ Pour the Pump Aid slurry into the hopper to allow the prime to be charged in the system ahead of the concrete.

Compatibility

Pump Aid 100 is compatible with all standard concrete materials as well as other concrete admixtures. When used with other admixtures, each one must be dispensed separately into the mix.

Packaging

100 g pouch.

Storage & Shelf life

Store in a cool and dry place.

Shelf life – 12 months from the date of manufacturing in unopened conditions.

Precautions

Avoid mixing **Pump Aid 100** directly with concrete.

Health & Safety

Before use, refer to the Material Safety Data Sheet (MSDS). The MSDS is available on www.ccichemicals.in or contact us at info@ccichemicals.in.

Registered Office	Regional Office	Chennai Plant	Mumbai Plant
Office No. 210 Shah Heritage Commercial CHS Plot No. 9, Sector 48, Seawood Navi Mumbai – 400 706 Maharashtra, India Mobile: +91 93247 27785 E-mail: kashinath.bera@ccichemicals.in	'LAKSHMAN MANERE' Old No. 17/2, New No. 42/2, R Block 6 th Main Road, Anna Nagar West Chennai – 600 040 Tamilnadu, India Mobile: +91 98400 73183 E-mail: durai.murugan@ccichemicals.in	No. 1, Perumal Koil Street Azhinjivakkam Sriperumpudhur Thiruvallur – 602 105 Tamilnadu, India	Plot No. A-51 Taloja Industrial Area MIDC, Taloja Navi Mumbai – 410 208 Maharashtra, India