

MOULD RELEASE-100

Cement mould release

MR-100

MR-100 Mould Release is a fine particle size aqueous emulsion of a special mixture of a group of fatty acid esters.

BENEFITS:

1. **Water based product.**
2. **Excellent release characteristics for concrete applications.**
3. **No solvents or hydrocarbons.**
4. **Safe and non-hazardous product, therefore safe for personnel to use.**

Directions for Use

MR-100 is used as a mould release in the concrete precast and spun pipe applications. Brush, roller or a mop like device can apply the product, but an air spray system is highly recommended. By spraying the product one achieves a fine mist that evenly distributes over the moulds, preventing product concentration spots. After application the water will evaporate over a time period, which depends on ambient temperature, mould temperature and concentration of material on the surface, expect 5 to 45 minutes drying time. Once a clear film is left on the mould after the drying, the mould is ready for pouring. It is highly recommended that application method, drying time and mould surface preparation be thoroughly examined to determine the applicable production parameters.

Clean the metal moulds with solvent to remove traces of organics embedded in the mould surface. It may be necessary to scrub the surface with a brush and solvent. Allow the solvent to evaporate leaving a dry metal surface.

To condition the metal surface with the new water based release, our tests have shown that if the mould is coated and dried several times with **MR-100** it produces an even coat as a basis for your production run. Once the moulds are coated several times it is not necessary to repeat this as long as the releasing agent used remains the same. Hence normal spraying and drying between cement pouring as specified in the TDS will produce a good release.

The best application method is using a fine spray producing very small droplets evenly deposited on the mould surface.

Avoid ingestion and prolonged or repeated contact with skin. If contact occurs, wash with copious amounts of water and consult a doctor if irritation persists. This product has a shelf life of 12 months from the date of delivery. Storage temperatures should be within the range of 5°C and 30°C

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