



**water-based concrete
mould release agent for
general precasting**

Advantages

Repel® 74 is water-based –

health, safety and environmentally responsible
not a DG, not combustible
colour uniformity with pigmented concrete

mild odour – no diesel smell
low skin and eye irritation

Repel® 74 useful with all types of mould –

metals, plywood, ABS, polyurethane and fibreglass

Application and Preparation

Two general precautions

1. Apply minimal coating. If there is a residue on moulds after separating from concrete, then too much Repel 74 has been applied. It may be diluted with low-salts* water, using ½ to 1 volume of water to 1 volume of product, the dilution being such that virtually no residue remains on the mould after release.
2. Vibration should be minimized because with prolonged vibration, fresh concrete tends to cut through any mould coating. In general, users are advised to consider consolidating mouldings with minimum surface bug holes by a combination of modest vibration of concrete compounded with an air entrainment agent and superplasticizer.

Repel® 74 is easy to apply –

by spray, brush or cotton cloth
stable indefinitely when undiluted
coverage 5 – 12m² per litre depending on application

users should experiment to find the optimal film thickness to give reliable release with little or no curtaining or residues and no build-up on repeated applications

application as a very fine spray coating is preferred; wipe out edges and corners to remove all visible off-white material – excess will tend to leave undercured dark crumbling soft edges and corners

similar viscosity summer and winter
see notes above about dilution

Preparation of surfaces –

Surfaces contaminated with petroleum or vegetable oil should be well cleaned before applying. Wash down with hair shampoo or good detergent in water, then rinse well.

Wash waters containing Repel® 74 may be reused in concrete mixtures.

***Low-salts water means water with no more than 80 parts per million of total dissolved salts. 80ppm = 80 mg/litre**

Designed and manufactured by

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