



water-based concrete mould release agent for use in general precasting using hot water or steam

Advantages

Repel® 76 is water-based –

health, safety and environmentally responsible

not a DG, not combustible

mild odour – no diesel smell

colour uniformity with pigmented concrete

low skin and eye irritation

Repel® 76 can be used with all types of mould –

metals, plywood, ABS, polyurethane and fibreglass

Application and Preparation

General precaution

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® 76 is designed for use with concrete made with hot water

Steel forms coated with Repel® 76 before pouring a hot concrete mix give near perfect concrete surfaces, edges and corners with minor residues.

Repel® 76 is easy to apply –

by spray, brush or cotton cloth

similar viscosity summer and winter

stable indefinitely when undiluted

may be diluted with low-salts water*

coverage 6 – 20m² 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

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® 76 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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