REPEL® 64

water-based concrete mould release agent for production of BiDi pipes

***Repel® 64* has been made and sold to a loyal concrete industry clientele since 2000**

Advantages

Repel® 64 is water-based –

not a DG, not combustible
mild odour – no diesel smell
colour uniformity with pigmented concrete
low skin and eye irritation
South Australian government approval for roads and bridges construction
environmentally responsible – used on infrastructure in Sydney catchment

Repel® 64 protects metal and plywood forms –

rustproofs mild steel
high resistance to exposure – no damage by light dust or rain

Repel® 64 withstands extreme stress –

performs where others fail under extreme heat and abrasion
as in Besser BiDi pipe manufacture and massive on-site pours

Application and Preparation

Repel® 64 is easy to apply –

by spray, brush or cotton cloth
similar viscosity summer and winter
stable indefinitely when undiluted
can be diluted with low-salts water*
coverage 6 – 20m^2 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 by some; others prefer applying by brush or a soaked cotton cloth
always 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 –

Moulds previously used 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® 64 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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