REPEL® 60

water-based concrete mould release agent for spun pipes and shotcrete

Advantages

Repel® 60 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**

South Australian government approval for roads and bridges construction

Repel® 60 protects moulds and forms –

rustproofs mild steel

actives stay on forms indefinitely – forms can be factory prepared

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

Repel® 60 withstands extreme stress –

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

Application and Preparation

Repel® 60 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 soaked 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® 60 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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