



An ISO 9001: 2015 Certified Company.



Duraguard - WC

Acrylic polymer waterproofing membrane coating for concrete and masonry surfaces

Technical Data Sheet

Uses

Duraguard WC provides a seamless, waterproof coating suitable for use in water tanks, reservoirs, swimming pools, roofs and to ensure water tightness. Duraguard WC effectively protects against concrete decay providing a long lasting barrier to waterborne corrosive salts and atmospheric gases.. Duraguard WC effectively seals concrete masonry walls and bridges the shrinkage cracks which are static. Duraguard WC provides a tough and durable coating which cannot be easily damaged or worn away.

Advantages

- ❖ Minimum surface preparation needed - Low labour costs.
- ❖ Applied directly to the damp concrete and masonry
- ❖ Excellent adhesion - Bonds to porous and nonporous surfaces.
- ❖ Non-toxic-ideal for potable water tanks
- ❖ Waterproof - Excellent for damp-proofing basements
- ❖ Breathable-allows transmission of water vapour from interior of building
- ❖ Excellent for concrete roof, leaking brick and masonry walls
- ❖ Good resistance to Carbon dioxide and Chloride ion diffusion

Description

Duraguard WC is acrylic polymer waterproofing membrane which consists of milky white liquid. It requires the addition of cement on site and when mixed in 1:1 proportions, an easily brushable coating is produced. Duraguard WC can simply be applied by a stiff brush, or trowel to obtain the desired thickness.

Properties

Colours: white

Application temperature: Not less than 10°C

Toxicity: Non-toxic

Duraguard WC provides protective waterproof coating and is shown to resist positive hydrostatic pressure. The degree of resistance of Duraguard WC to water under pressure depends on the coating thickness. Areas subjected to moderate and heavy loads/hydrostatic pressure. Minimum 2mm thickness coating is recommended with screed above.

Application

For best results moisten the surface before coating with Duraguard WC. Apply the mixed material using a short, stiff bristle brush preferably 100 to 150mm width like paint. Trowel

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Application Instructions

Preparation

All the surfaces which are to receive Duraguard WC must be free from oil, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired.

Mixing Ratio

Duraguard WC: Cement 1:1 proportion

Packaging

Duraguard WC is supplied in 1,5,20 & 200 litre containers

Coverage

This depends on the required consistency. The approximate coverage per Ltr at even consistency is appx 25 Sq.Ft for two coats.

Storage

Duraguard WC has a shelf life of 12 months in unopened packs,

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