



# DURAM WB PRIMER

## WATER-BASED PRIMER

### DESCRIPTION

**Duram WB Primer** is a water based, concrete compatible, polymer emulsion which enhances the adhesion of **Durabit EF**, **Durabit Reo**, **Duram Azcothane** range of acrylic membranes as well as the **Crystoflex** membrane.

**Duram WB Primer** is a penetrative primer with good adhesion properties particularly to porous surfaces.

**Duram WB Primer** has very low VOCs and meets the 'Green Star' environmental criteria.

**The Duram has been an industry leader for over 30 years.**

### USES

**Duram WB Primer** should be used to prime porous substrates over which a water-based membrane or coating will be applied.

**Duram WB Primer NOT** suitable for use on metal, non-porous surfaces, shiny or very smooth concrete, glazed tiles, marble, terrazzo, particle board or chip board.

**Duram WB Primer** is suitable for use on the following substrates:

- Balconies
- Terraces
- Decks
- Tiled or covered areas
- Shower recess & wet areas (floors and upturns).
- Retaining walls
- Planters and landscaped areas
- Structural slabs
- Window hobs

### SUITABLE SURFACES

- Concrete
- Cement and cement render
- FC and CFC Sheeting
- Block & Brick work.
- Masonry/Stone.
- FC, CFC, Asbestos and Blue Board Sheeting

Advice from Duram should be sort for the most appropriate priming method for these surfaces; Duram has a recommended system for all of the above.

**\*Note:** Particle Board is not regarded as a suitable substrate for wet areas and particularly shower recesses and should be replaced with CFC sheeting. As a minimum, Particle Board should be sealed with one to two coats of **Duram Primeseal MC**. All joins and corners must be sealed with a polyurethane sealant and a reinforced fabric used in conjunction with the membrane. Surfaces must be made good and should be sound, stable, dry, clean and free of dirt, dust and contaminants and suitably primed.

### BENEFITS AND ADVANTAGES

- Simple to apply.
- Water based.
- Very low VOCs.
- Meets the 'Green Star' environmental criteria.
- Concrete compatible.
- Beds down dust.
- Aid the adhesion of water-based membranes to the surface.
- Very economical.
- Safe and environmentally friendly to use.
- Single pack.

## SPECIFICATION

The information contained in this product data sheet is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement but the applicator or contractor must use their skill, knowledge and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the Company in writing.

## LIMITATIONS

- **Duram WB Primer** is **NOT** recommended for particle board or chip board. **Duram Primeseal MC** is recommended for these surfaces.
- **Duram WB Primer** is **NOT** a vapour barrier. For exposed areas such as rooks or where there is a risk of entrapped moisture in the surface which can cause the membrane to bubble, **Duram Primeseal MC** must be used.

## PRECAUTIONS IN USE

Risk is considered low when properly used. Precautions on can, label and / or data sheets should be observed. Use in well ventilated areas.

## SURFACE PREPARATION

Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion.

### Blow Holes.

Blow-holes and surface imperfections must be made sound and filled with **Duram Resiflex Hybrid** or **Resiflex FC** sealant or alternatively a non-shrink mortar, finished flush with the surface. Allow to cure and dry.

## PRIMING

**Duram WB Primer** applied at 1Lt per 4m<sup>2</sup> and allowed to dry, primers need to be applied at no less than the relevant Duram Primer TDS.

Excessively porous, friable and dusty surfaces may require an additional priming coat.

If there is a risk of entrapped moisture in the substrate which may cause the membrane to bubble or outgas, two coats of **Duram Primeseal MC** is recommend as a alternative.

## APPLICATION

**Duram WB Primer** can be applied using a brush, broom, roller or spray. One good coat at the rate of 4 sqm per litre is generally sufficient. However significantly porous, friable and dusty surfaces may require the application of a second coat. For best results the subsequent membranes or coatings should be applied to the primed surface as soon after the primer is fully dried and before the surface can become contaminated. Ensure that the primed surface is clean and free from any contaminates. If the primed surface does become contaminated, clean and dry before applying a further coat of **Duram WB Primer**.

## COVERAGE

Coverage rate varies depending upon type, condition, porosity, texture of the surface and application technique.

The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique.

General coverage is approximately 4 sqm per litre but this will depend on the porosity of the surface. Available in 1,4 and 15 Lt containers.

## DRYING AND CURING

Drying and curing of the product is affected by type, dryness and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide.

Curing is usually 30 minutes – 1 hour.

## **TILING, TOPPING OR TOP COATING**

Designed to be compatible with Duram water-based membranes.

Can be used as an adhesive promoter for toppings and renders.

## **CLEAN UP**

Wet spills can be cleaned with water. Avoid spills. They are difficult to clean particularly on porous surfaces. On concrete and non-porous surfaces for wet spills use a cloth and water. Do not clean off carpets as it is better to allow product to cure and then shave the carpet. Equipment should be immediately cleaned with water.

## **STORAGE AND PACKAGING**

Keep in cool, dry place away from heat, Do not allow to freeze, Product is not flammable Available in 4 Lt and 15 Lt pails. 15 litres equates to 16 kg.

Shelf life: 12 months in unopened container, best used within that period. As this is a moisture curing polyurethane some skinning of the product may occur. This should be cut out and removed. Balance of the product will be suitable for use.

## **CONDITIONS OF USE AND DISCLAIMER**

The information contained in this TDS is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided and the product is sold on the basis that the product is used for its intended purpose and is used in a proper workmanlike manner in accordance with the instructions of the TDS in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

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**The Ultimate in Waterproofing & Protective Coating Technology**

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