

# Aquathane Primer DUR

Two-component primer for Aquathane range



## DESCRIPTION

Aquathane Primer DUR is a two-component water based low viscosity, epoxy primer, mixed 1:1 by volume, and especially formulated to significantly enhance the adhesion between Aquathane Range of waterproofing membranes and the most common construction substrates.

## APPLICATIONS

Aquathane Primer DUR is used for to enhance the bond between Aquathane Range of products and the substrates in the following applications:

- » High porous substrate such as normal grade concrete and red bricks.
- » Impervious substrates such as aluminum, steel and glass.
- » Where the substrates have a high humidity level or risk of rising damps.

## ADVANTAGES

- » Improved adhesion on concrete, galvanized steel, aluminium and glass.
- » Water based system with low VOC.
- » Moisture tolerant.
- » 1:1 by volume ratio, allowing the user to consume the smallest quantities and store the material for future needs.
- » Easy to use and clean.
- » Safe and environment friendly product.
- » Economical solution.

## METHOD OF USE

### SURFACE PREPARATION

The substrate should be sound, clean and free from contaminations. Surface laitance should be removed by light scrubbling or grit blasting.

### MIXING

Aquathane Primer DUR is supplied in two components, Part A and Part B. The two components must be mixed thoroughly at a mixing ratio of 1:1 by volume for three minutes using a mechanically powered mixer or drill fitted with suitable paddle at low speeds (300 rpm).

## TECHNICAL PROPERTIES @ 25°C & 55% RH:

Density:	1.0 ± 0.10 g/cm <sup>3</sup>
Mixing ratio:	1:1 by volume
Tack free time:	3 - 5 hr
Pot life:	1 hr @25°C
Full cure:	3 days
Minimum application temprature	12°C
Service temperature:	5 to 40°C
Adhesion concrete:	≥ 2 MPa
ASTM D4541	
Shore A hardness:	90
ASTM D2240	
VOC:	≤ 10 g/ltr
ASTM D2369	

## APPLICATION

Aquathane Primer DUR can be applied by a roller. One or two thin coats of Aquathane Primer DUR should be applied at a total rate of 0.15 - 0.20 kg/m<sup>2</sup>.

Recoating time cannot be specified in fixed hours because it varies significantly with weather conditions. As a general guideline, recoating may be required as soon as 2 hours in summer or up to 24 hours in winter. Apply the next coat of Aquathane waterproofing membrane once the material has cured to the point that it cannot be punctured with a fingernail.

Care must be taken in the application of the material according to the coverage rate, as different thicknesses might adversely affect the adhesion and durability.

## REMARKS

- » Do not apply when temperature is below 12°C.
- » Hot concrete should be wetted before application.

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## CLEANING

All tools should be cleaned immediately with paper towels after finishing and then and then using water.

## PACKAGING

Aquathane Primer DUR is available in 2 and 8 kg packs.

## COVERAGE

### *As a primer:*

Aquathane Primer DUR should be applied in one or two thin coats with a total rate of 0.15 - 0.20 kg/m<sup>2</sup>.

Multi-layers can be applied over highly porous substrates, the second layer can be applied as soon as the first coat has initially dried and at a right angle to the first layer.

### *As water/humidity barrier:*

Aquathane Primer DUR should be applied in thin three coats with a total rate of 0.50 - 0.60 kg/m<sup>2</sup>.

## STORAGE

Aquathane Primer DUR has a shelf life of 12 months from the date of manufacture if stored at temperatures between 5 and 25°C in its original unopened package. Once opened, use as soon as possible.

If these conditions are exceeded, contact DCP Technical Department for advice.

## CAUTIONS

## HEALTH AND SAFETY

Aquathane Primer DUR is water based; however it is advised to avoid contact with the skin, eyes and mouth. Wear suitable protective clothing, gloves and eye protection. If it got in contact with the skin, wash immediately with plenty of water.

For further information, refer to the Material Safety Data Sheet.

## FIRE

Aquathane Primer DUR is nonflammable.

## MORE FROM DON CONSTRUCTION PRODUCTS

A wide range of construction chemical products are manufactured by DCP which include:

- » Concrete admixtures.
- » Surface treatments
- » Grouts and anchors.
- » Concrete repair.
- » Flooring systems.
- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

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