



## Durabit

Duram Durabit is an economical rubberised bitumen waterproofing paint that forms a thick waterproofing membrane suitable for an assortment of waterproofing purposes. Durabit is suitable for long-term immersion in water and will not taint the water. Durabit is compatible with most surfaces and protects the surface from degrading. Durabit is water-based, non-flammable, safe and easy to apply.

Colours: Black

### PRODUCT USES

You can use Durabit to waterproof:

- Non-exposed areas such as retaining walls and cavity walls.
- Cement dams and water features.
- Behind tiles in showers, bathrooms and kitchens.
- Gutters, roof joints and roof screws.

### ADVANTAGES

- Safe and easy to apply.
- Economical and versatile.
- Forms a durable, tough, flexible and elastic waterproof membrane.
- Water-based and non-flammable.
- Can be built up to a thick, impenetrable membrane.
- Can be used on most surfaces and bonds well.
- Does not affect or taint water once dry (one initial flush is recommended).
- Suitable for permanent immersion in water.
- Application tools are easy to clean with water while wet.
- Protects the substrate from degradation.
- Excellent weathering and ageing properties when coated with an approved UV protection coat.

### COVERAGE

- Without reinforcing membrane: 1 m<sup>2</sup> per litre per coat. Applied in a 2 coat application.
- With built up reinforced system: 0.3 m<sup>2</sup> per litre per coat. Applied in a 3 coat application.
  - 2.5m<sup>2</sup> per litre (primer, if required, diluted 1:1).
  - 0.8m<sup>2</sup> per litre (bond coat - undiluted).
  - 0.8m<sup>2</sup> per litre (saturation coat - undiluted).
- Rejuvenating coat: 1m<sup>2</sup> per litre per coat. Applied in a single coat application.

## SURFACE PREPARATION

- Ensure all substrates are thoroughly clean, sound, dry and free from any contaminants such as dirt, rust, salt, algae and grease. Repair damage and return to sound condition.
- Porous surfaces: Prime porous surfaces with a thin coat (rate of 0,4 litre per m<sup>2</sup>) of Duram Durabit diluted 1:1 with water. Allow to dry (3 to 4 hrs depending on conditions).
- Metal surfaces: Prime metal surfaces with a solvent based bituminous primer.

## APPLICATION

- **Mixing:**
  - Duram Durabit normally requires no dilution. Stir well with a flat paddle before use. Good mixing will improve Durabit's workability. Intermittent stirring during use is recommended.
- **Applying Durabit without a reinforcing membrane:**
  - Apply Durabit by brush or soft broom. Allow to dry.
  - A second coat should be applied at right angles to the first coat.
- **Applying Durabit with a reinforcing membrane:**
  - A reinforcing membrane such as Duram Duramesh should be used to cover cracks, joints, corners and flashings.
  - Apply a thick first coat ( $\pm 1,3$  litre/m<sup>2</sup>) of Durabit.
  - Press Duramesh firmly into wet Durabit using a fluted metal roller or gloved hand. Ensure a minimum of 50mm overlap of adjoining lengths of Duramesh, and 75mm for end laps. Press out any air pockets and creases in the Duramesh. Allow to dry (3 to 4 hours depending on conditions).
  - Apply a second thick coat of Durabit onto the embedded membrane to ensure complete saturation (applying approx 1,3 litre/m<sup>2</sup> worked into the surface). Allow to dry.
- **Topcoating:**
  - It is essential that Duram Durabit be protected from UV exposure once cured. Overcoat with a protective coating, i.e. Bitumen Aluminium Paint such as Duram SilverShield. Consult the Duram Technical Helpline prior to applying other products.
  - A drying and curing period of a minimum of 7 days is recommended before permanent immersion in water or applying the protective overcoating.
  - Alternatively Durabit may be covered with tiles, slate, concrete or similar topping after 24 hours, depending on climatic conditions. Durabit should not be left exposed to direct sunlight for longer than 1 month to avoid deterioration.

## CLEANING

- Collect spills immediately with suitable absorbent material and wash contaminated areas with warm water.
- When wet: Hands, tools and spills can be cleaned with soap and water.
- When dry: Clean with Duram Xylene or turpentine.

## IMPORTANT

- Do not apply Duram Durabit if rain is imminent.

## SAFETY PRECAUTIONS

- Skin contact: Wash thoroughly with soap and water.
- Eye Contact: Flush immediately with water for 10 - 15 minutes and contact a physician.
- Respiratory problems: Remove affected person to fresh air immediately and contact a physician.

## TECHNICAL DATA

Pack size	1 litre, 5 litre, 20 litre
No of components	Single pack
Mixing ratio	N/A
Drying time	3 to 4 hours depending on climatic conditions.
Topcoating time	After full cure of 7 days
Curing time	7 days full cure
Volume solids	60%
Application temperature	10°C to 40°C
Flexibility	Good
UV exposure	Poor
Abrasion Resistance	Fair
Density	$\pm 1,1$ g/cm <sup>3</sup>
Dry film service temperature	-10°C to 80°C
Solvent resistance	Not resistant
Water tainting	Non-tainting after good flushing after 7 days full cure

Water resistance	May be used under continuous water immersion.
Shelf life	12 months
Storage conditions	Cool dry place below 25°C. Container should be well sealed.

*Technical details above are provided in good faith. We are an ISO 9001: 2000 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use. To retain sheen and colour consistency of your paint, always make sure that the batch numbers are the same on all paint containers that you purchase.*

*Updated: June 2011 (this supercedes all previous publications)*