

# Flexikote

Duram Flexikote is a water-based acrylic waterproofing solution with an 8 year guarantee that forms a strong barrier against water and moisture. Economical and easy to use, Flexikote is designed to remain flexible in order to withstand cracking and movement of the underlying surface. Used in conjunction with Duram Duramesh membrane, Flexikote dries to a resilient waterproof barrier that is attractive, UV resistant, puncture resistant and long lasting.

**Colours:** Black, Brown, Burgundy, Charcoal, Green, Grey, Red, Terracotta and White

#### PRODUCT USES

- Waterproof pitched roofs, parapets, flashings, wall & chimney cappings, roof joints and roof screws.
- Waterproof exterior walls.
- Seal joints and repair hairline cracks.
- Use over old paint and waterproof cement, plaster, concrete and galvanized iron.

#### ADVANTAGES

- Resilient, flexible, UV and weather resistant.
- Used with Duram Duramesh, it withstands cracking and movement of the underlying surface.
- Easy to apply and economical.
- Seals joints and covers fine cracks.
- Can be applied over previously painted surfaces.
- An attractive finish in a variety of colours.
- Application tools are easy to clean with water while wet.
- A maintenance coat is only required every 3 to 4 years.

#### GUARANTEE

Duram offers an 8-year quality guarantee on Duram Flexikote. To register your guarantee, simply call the Duram Technical Helpline on 0800 500 222 within 30 days of purchase, and supply your contact details, the site details, purchase details, batch number and related products used. You will receive a Guarantee Reference Number that you should record and keep in a safe place, together with your purchase slip for future reference. For terms and conditions of the guarantee, please visit [www.duram.co.za](http://www.duram.co.za) or contact 0800 500 222.

#### COVERAGE

- Applications with Duram Duramesh: 0.4 - 0.5m<sup>2</sup> per litre per coat. Applied in a 4 coat application.
- Weather walls: 3m<sup>2</sup> per litre per coat. Applied in a 2 coat application.
- Maintenance coat: 1.5m<sup>2</sup> per litre per coat. Applied in a 1 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.
- New brick walls, plaster and concrete: Clean substrate well. Prime with Duram Flexikote diluted 20% with water. Alternatively prime with masonry primer onto powdery surfaces, raw brick walls or new plaster.
- Galvanized iron: Clean metal with Duram NS2 Galvanized Iron Cleaner as per instructions until a water break free surface is attained. Rinse well

with water and allow to dry. Prime with Duram NS6 Galvanized Iron Primer as per instructions and allow to dry.

- Previously painted surfaces: Remove fungal growth, lichens, and loose and flaking paint with a scrubbing brush or a high pressure water jet. Apply one coat of an anti-fungal wash if necessary. Wash down well with water and allow to dry. Prime powdery surfaces with masonry primer. Apply direct to clean, sound acrylic surfaces. Sand glossy paints well before applying.

## APPLICATION

- Stir Duram Flexikote well.
- Roofs and parapets:
  - Apply a thick basecoat ( $\pm 0,75$  litre/ m<sup>2</sup>) of Duram Flexikote to area slightly wider than the Duram Duramesh.
  - Press Duramesh firmly into wet Flexikote to obtain a maximum saturation from below ( $\pm 0,75$  litre/ m<sup>2</sup>). Ensure a minimum of 50mm overlap of adjoining lengths of Duramesh. Press out any air pockets and creases in the Duramesh. Allow to dry.
  - Apply a coat of Flexikote onto Duramesh to complete saturation. Allow to dry.
  - Apply 2 further coats of Flexikote ( $\pm 0,5$  litre/m<sup>2</sup> per coat), or 1 coat Flexikote and 1 coat of a good quality acrylic exterior paint. Allow to dry between coats.
- Walls:
  - Repair any cracks and apply two coats of Duram Flexikote at the rate of 1,5 m<sup>2</sup> per litre per coat. Flexikote may be overcoated using any good quality acrylic exterior paint.

## CLEANING

- Hands and equipment are easily cleaned in water while wet. Collect spills with suitable absorbent material.

## IMPORTANT

- Ambient and surface temperatures must be between 5°C and 35°C during application.
- Do not apply if rain is imminent.
- Do not use Duram Flexikote under tiles or in areas of long term ponding.
- Whilst Flexikote is designed for an extended period, it is advisable to give a maintenance coat every 3 - 4 years.

## 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.
- Not for internal consumption.

## TECHNICAL DATA

Pack size	1 litre, 5 litre, 20 litre
No of components	1
Overcoating Time	$\pm 6$ hours or when dry
Volume solids	30% to 31%
Service temperature	-15°C to 40°C
Application temperature	5°C to 35°C
Flexibility	Good with Duramesh
Weathering	Good. A maintenance coat is advisable every 3 to 4years depending on conditions.
U.V. Resistance	Excellent
Abrasion resistance	Fair
Density	1.21 g/cm <sup>3</sup>
Toxicity	Non toxic
Fire hazard	None
Shelf life	2 years
Storage	Cool, dry area below 25°C

*Technical details above are provided in good faith. We are an ISO 9001: 2008 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: August 2011 (this supercedes all previous publications)*