



## Rainkote Fibre-Tech

Duram Rainkote Fibre-Tech is a pure acrylic waterproofing paint with a 12 year guarantee that utilizes reinforcing fibre particles to form a thick, strong and flexible waterproof coating. When applied, the paint's fibres overlap to form an effective reinforcement which precludes the need to use a separate membrane. It is water-based, quick and easy to apply, and the pure acrylic formulation lends a higher UV protection factor to exposed surfaces, offering enhanced long-term protection against fading and chalking.

Colours: Black, Blue, Charcoal, Green, Grey, Red, Terracotta and Mineral White

### PRODUCT USES

- Waterproof flat roofs\*, parapets, wall and chimney cappings, gutters, roof screws and porticos.
- Waterproof exterior walls.
- Seal fish ponds\* and water features\* (best results when used with Duram Duraprime).
- As a maintenance coat for existing Duram Rainkote, Duram Flexikote and other acrylic waterproofing applications.
- Bridge hairline cracks without the need for a reinforcing membrane.
- To cover previously repaired large cracks and gaps, or lap joints or flashings where there may be substantial substrate movement. For this application, use Duram Rainkote Fibre-Tech in conjunction with Duram Duramesh reinforcing membrane.
- Use over concrete, fibre-cement, plaster and galvanized iron.

### ADVANTAGES

- Bridges hairline cracks without the need for a mesh or membrane.
- Non-drip and goes on quickly and easily.
- The fibres make it tough, durable and flexible.
- UV and weather resistant.
- The pure acrylic formulation resists fading and chalking.
- Can be overcoated with most paints.
- Aesthetically pleasing and is available in a variety of colours.
- Fish and plant friendly, so you can use it in your pond\*.
- An excellent way to maintain previous waterproofing applications.
- Tools are easy to clean with water while still wet.

### GUARANTEE

Duram offers a 12-year quality guarantee on Duram Rainkote Fibre-Tech, \*except in areas of long-term ponding such as fish ponds, water features or flat roofs without good drainage. Water has varying levels of pH (acid / alkaline), salinity, iron content, hardness, contamination and temperature. Ponding water can therefore impact on Rainkote Fibre-Tech's long-term performance. 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

- 0.5m<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 deposits, algae and grease.

- Brick walls, plaster and concrete: Prime the surface with a masonry primer and allow to dry.
- \*Fish ponds and water features: Prime surface with Duram Duraprime epoxy primer or other epoxy primer according to instructions. The Duraprime must be overcoated whilst still tacky, i.e. touch dry. This will ensure good intercoat adhesion between the Duraprime and the Duram Rainkote Fibre-Tech.
- New galvanized iron roofs: Clean metal with Duram NS2 Galvanized Iron Cleaner, rinse well with water and allow to dry. Apply a coat of Duram NS6 Galvanized Iron Primer as per instructions. Allow approximately 4 hours to dry (depending upon weather conditions) before overcoating with Duram Rainkote Fibre-Tech.
- Previously painted surfaces: Sand lightly before applying Duram Rainkote Fibre-Tech.
- New cement and fibre cement roof tiles: Prime surface with a masonry primer and allow to dry for 8 - 12 hours before applying Duram Rainkote Fibre-Tech.

## APPLICATION

- Stir Duram Rainkote Fibre-Tech well.
- Apply a generous, thick first coat using a brush.
- Allow to dry for approximately 4 hours before applying next coat.
- Apply each successive coat at right angles to the previous coat to ensure a consistent film thickness.
- To ensure water resistance, a minimum consistent film thickness of 2 mm is required which must be built up with at least two coats.
- Rainkote Fibre-Tech can be over coated with a good quality acrylic exterior paint.
- For ponding\* applications (once primed with Duraprime), apply at least 4 coats of Rainkote Fibre-Tech to get a minimum film thickness of 3 mm and allow 7 dry days curing time. Rinse thoroughly with clean water several times before filling and introducing fish.

## CLEANING

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

## IMPORTANT

- When Duram Rainkote Fibre-Tech is used in long-term ponding\* applications, Duram Duraprime epoxy primer or other epoxy primer must be used.
- Rainkote Fibre-Tech must be used in conjunction with Duram Duramesh reinforcing membrane when used for covering previously repaired large cracks and gaps, or for lap joints and flashings where there may be substantial substrate movement.
- Do not apply if rain is imminent.
- Whilst Rainkote Fibre-Tech is designed for a long life, it is advisable to give a maintenance coat every 5 years.
- Ambient and surface temperatures must be between 5°C and 40°C during application.

## 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	± 4 hours or when dry
Volume solids	36% to 38%
Service temperature	-15°C to 40°C
Application temperature	5°C to 40°C
Flexibility	Excellent
Weathering	Excellent. A maintenance coat is advisable every 5 years depending on conditions.
U.V. Resistance	Excellent
Abrasion resistance	Fair
Density	1.18g/cm <sup>3</sup>
Toxicity	Non toxic
Fire hazard	None

Shelf life	2 years in unopened cans
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)*