



a.b.e.[®] Construction Chemicals **dura.[®]proof dekfex**

PREMIUM CEMENTITIOUS WATERPROOFING SYSTEM FOR CONCRETE ROOFS & UNDER CERAMIC TILES

DESCRIPTION

dura.[®]proof dekfex 2 part system is a highly flexible, high performance, multi-layer reinforced waterproofing system.

It consists of a dual component, high adhesion base and top coat encapsulating reinforcement netting. The system is finished off with ceramic tiles.

USES

dura.[®]proof dekfex system is especially designed for waterproofing

- New/old concrete flat roofs.
- Reservoirs, ponds and tanks.
- Light weight screeded roofs.
- New/old concrete balconies.

ADVANTAGES

- Resistant to ultra-violet rays.
- Highly flexible.
- High tensile strength.
- Excellent adhesion strength.
- Non-toxic, water based and environmentally friendly.
- Quick drying and easy to apply.
- No flammable hazard (torching) or hot asphalt required.
- Can be tiled over.

TECHNICAL DATA	
Colours	Grey
Touch Dry	30 min
Elongation Strength	> 250%
Tensile Strength	13 MPa
Weather resistance	Excellent

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

SURFACE PREPARATION

All surfaces must be free from grease, oil, dust, loose particles and other contaminants. Old coatings, which are stable and difficult to remove, can remain. Very smooth surface should be roughened for better adhesion.

For new concrete, the substrate must be sound and cured for 28 days.

BONDING/PRIMING

No priming is necessary.

MIXING

For the mixing of **dura.[®]proof dekfex**, charge the liquid into a clean mixing container. Add the powder gradually while mixing until a lump free consistency is achieved. No additional water is required. It is recommended that mechanical mixing (400 - 500 rpm) should be used for 2-3 minutes to ensure proper dispersion of the components.

APPLICATION

Dampen the substrate and apply a **dura.[®]proof dekfex** 1st coat using a block brush or roller and while the coating is still wet, roll out the reinforcement netting and press it into the wet **dura.[®]proof dekfex** coat.

At this stage, allow application to dry for at least 2 hours. The drying time may vary depending on air circulation, prevailing temperature and film thickness.

For **dura.[®]proof dekfex** 2nd coat, follow the same mixing method as above. Apply **dura.[®]proof dekfex** to completely cover the reinforcement netting and again leave application to dry for another 2 - 3 hours, at a right angle to the 1st coat to ensure all pinholes are closed.

Apply the 3rd and final coat of **dura.[®]proof dekfex** to achieve the required film thickness and leave it to cure overnight.

COVERAGE

dura.® proof dekflex system covers approx. 2.28kg/m² @ a dry film thickness of approx. 1.15 mm.

dura.® proof dekflex 25kg kit:

Coverage will be approx. 3-4m² as a 3 coat build-up system at a dry film thickness of approx. 1.15mm per coat.

Actual site coverage may vary from site depending on the substrate condition.

CLEANING OF EQUIPMENT

Tools and equipment may be cleaned using water before the product set.

PROTECTION/MAINTENANCE ON COMPLETION

dura.® proof dekflex system is designed for an extended life, if not covered with tiles.

Note: Do not cover with stones or stone chippings.

MODEL SPECIFICATION

A high performance, multi-layer liquid waterproofing system plus reinforced netting.

The waterproofing system will be **dura.® proof dekflex**, a dual-pack highly flexible compound applied in accordance with the recommendations of **a.b.e.® Construction Chemicals**, including the use of **reinforced netting**.

PACKAGING

dura.® proof dekflex comprises of a 25 kg kit with two components: a 10kg liquid component plus a 15kg powder component.

HANDLING & STORAGE

All components have a shelf life up to 12 months in unopened containers provided they are stored in a cool dry place.

HEALTH & SAFETY

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The safety data sheet is available from your local **a.b.e.® Construction Chemicals** sales representative.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot - because **a.b.e.®** has no direct or continuous control over where and how **a.b.e.®** products are applied - accept any liability either directly or indirectly arising from the use of **a.b.e.®** products, whether or not in accordance with any advice, specification, recommendation or information given by the company.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **a.b.e.® Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology.



a.b.e.® is an ISO 9001:2008 registered company
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