



Technical Data for Duron Basecoat Water-based Epoxy

DURON BASECOAT is a two-component water base epoxy, specially designed for the Duron Decorative Seamless Flake coating system.

RECOMMENDED USES

- *Designed to be used as the 2nd coat process for the Duron Decorative Seamless Flake coating system over the Duron Primer/Sealer.*

FEATURES & BENEFITS

- *Environmentally friendly.*
- *Easy clean-up using water.*
- *Cured membrane provides a colour fast high strength, moisture resistant base to support the Duron decorative flake.*
- *Non-flammable, negligible odour and toxicity.*
- *Has excellent adhesion to the Duron Primer/Sealer.*
- *Convenient equal part mixing ratio (by volume).*

COVERAGE

Applied by roller at 5m²/Ltr coverage dependent on surface porosity and substrate conditions. Duron Basecoat is designed to be applied in one coat to achieve a bond between Duron Flake and a solid colour background over Duron Primer / Sealer. Film thickness of theoretically 200 (microns).

MIXING

- *When a colour is required you must obtain the correct volume colour tint to the relevant kit size (apart from black and white).*
- *Each component should be individually mixed to form homogeneous components prior to mixing A:B components together. Tint must be added to part B prior.*
- *Thoroughly mix components in the ratio of 1:1 by volume A:B (or 1:1 parts by weight A:B), using a mechanical forced action mixer with a high shear stirrer until a homogeneous paste is obtained.*
- *Only mix as much as may be used within the pot life of the product and avoid excessive aeration during mixing. Pot life approx. 45 minutes.*
- *Discard any material which has exceeded the pot life or working time of the product.*

APPLICATION INSTRUCTIONS

- *Apply the material using a roller brush to achieve a smooth coverage directly over Duron Primer/Sealer.*
- *Spray application is also acceptable provided uniform thickness coverage is obtained.*
- *Care must be taken to work the material into the surface to fill voids and avoid pin holing.*
- *Start broadcast of Duron Acrylic Coloured Flake during application while epoxy is wet for even appearance (refer to Duron Flake application data).*

Allow to cure for a minimum of 8 hours at 25°C/50% relative humidity before applying Duron UV Stable Gloss Polyurethane top coats.

PRECAUTION

- Do not apply if the surface temperature is below 10°C or above 85% relative humidity, as the product will cure at a very slow rate.
- In enclosed areas, ventilation should be provided during curing cycle to enable adequate evaporation of the water.
- Duron Basecoat is NOT classified or designed as a trafficable membrane and must be covered with the complete Duron Seamless Flake Coating System.
- Do not apply to steel or metal surfaces as corrosion can occur.
- To ensure vapour transmission and permeability is obtained the correct coverage rate must be adhered to.
- Do not dilute.
- Ensure minimum dry film thickness of 200 (microns) is obtained.
- Discard any material which has exceeded the pot life or working time of the product.
- Do not apply over any substrates that have been previously treated or coated with curing compounds, P.V.A., Bondcrete, acrylics, paints, etc. without complete removal and the application of Duron Primer/Sealer first.

HEALTH AND SAFETY

- On contact, Duron Basecoat may cause irritation.
- Gloves and protective goggles must be worn during, handling, mixing and application of base coat.
- Avoid contact with skin, eyes and avoid breathing in vapour.
- If poisoning occurs, contact a doctor or Poisons Information Centre.
- If swallowed, do not induce vomiting. Give a glass of water.
- If skin contact occurs, remove contaminated clothing and wash skin thoroughly for a minimum of 15 minutes and see a doctor.
- For more detailed information refer to Material Safety Data Sheet.

CLEAN-UP

- Wash all equipment in water or water/detergent immediately on completion of application and mixing.
- Duron Basecoat will cure under water; hence ensure dirty equipment is not left soaking in water.

STORAGE

- Store between 10°C and 30°C away from direct sunlight
- Shelf life is 12 months in original unopened container
- Partly used containers must be sealed tight when not in use.

FIRE

Product is non-flammable and poses no fire risk.

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