

Dura Shine

High Performance, Lithium-Potassium/Acrylic based concrete surface hardener & sealer

DESCRIPTION

Dura Shine is a high performance, Lithium/Potassium based surface hardener cross linked with Acrylic resins. Dura Shine penetrates deep into the concrete matrix, reacting with the calcium hydroxide within the concrete, hardening the concrete surface and increasing its abrasive resistance while the Acrylic resins provide the desired gloss finish. Dura Shine dramatically reduces the absorption of liquids, making the concrete surface dust free and easier to keep clean.

Dura Shine makes the concrete surface extremely dense and liquid repellent, producing a long lasting and durable flooring solution.

A test sample should always be prepared and allowed to cure prior to proceeding.

PRODUCT FEATURES & BENEFITS

- Excellent penetration
- Environmentally friendly, Meets “Green Star” Requirements
- Allows trapped moisture to escape
- Minimises tyre marking and makes the floor easier to clean
- Suitable for internal and external use
- Cost effective concrete treatment

TYPICAL APPLICATIONS

Dura Shine can be used in a variety of applications including manufacturing facilities, internal and external car parks, loading docks, warehousing and distribution centre flooring, convention centers, retail floors, polished concrete or anywhere a durable, gloss concrete finish is required..

APPLICATION RATES

To machine troweled or lightly broomed or burnished concrete i.e. warehouse and distribution area flooring or basement car parking areas, 8-12m²/litre is recommended. For polished concrete 6-8m² is recommended.

VOC RATING

TESTED UNDER THE REQUIREMENTS OF:

IEQ 13 VOLATILE ORGANIC COMPOUNDS “GREEN STAR TECHNICAL MANUAL”.

TVOC's calculated as the sum total of the VOC's of each individual raw material component.

The total VOC is 25.80 grams/ litre of ready to use product.

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PERFORMANCE PROPERTIES

COLOUR	MILKY LIQUID
FINISH	PENETRATING FILM
VOLUME SOLIDS	APPROX 18%
SPECIFIC GRAVITY	0.80KG/LITRE
REACTION TIME	2-6 HOURS AT 25°C
POT LIFE	INDEFINITE (DRIES BY WATER EVAPORATION)

PACK SIZES

Dura Shine is available in 1000ltr, 200ltr & 15ltr containers.

APPLICATION OF PRODUCT

1. Always test the product on the substrate and allow to cure, to ensure the desired result will be achieved.
2. Do not clean the surface with hydrochloric acid (for cleaning procedures contact the manufacturer).
3. Apply product straight from the container (no dilution required).
4. Dura Shine can be applied to the concrete surface after a minimum of 28 days.
5. Dura Shine cannot be applied to freshly poured concrete.
6. Surface must be free of all excess moisture and contaminants including curing compounds, prior to application of sealer.
7. Apply the product to the substrate using a low pressure sprayer, ensuring the entire surface is coated in an even, consistent manner, ensuring application rates are adhered to.
8. On dusting or damaged slabs apply a coat of Dura Shield L-P and allow to cure overnight prior to applying Dura Shine.
9. On extremely tight surfaces pooling may occur, ensure any excess material is removed immediately from the surface as excess material remaining on the surface may cause surface discolouration.
10. Clean all tools with warm soapy water.

PRECAUTIONS

- Do not apply to wet surfaces.
- Protect surrounding areas from overspray, buildings, plants, drains etc.
- Wear suitable protective wear, solvent resistant gloves, protective clothing, safety goggles and organic vapour respirator.
- Protect sealed surface from moisture during application.
- Avoid applying Dura Shine in windy conditions.
- Not suitable for natural stones.
- Dura Shine may darken the concrete surface.
- Dura Shine is designed to be used on good quality concrete surfaces, it will not repair badly damaged or disintegrating concrete.
- Apply Dura Shine between 10°C - 35°C.

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STORAGE

- Keep Dura Shine stored in a dry area, away from direct sunlight & frost.
- Store between 10°C & 30°C.
- Dura Shine has a shelf life of 24 months in an unopened container.
- Ensure partly used drums are correctly sealed.

FIRE

Dura Shine is non-flammable.

SAFETY PRECAUTIONS

- Wear appropriate protective equipment, including clothing, gloves, appropriate respiratory mask and goggles.
- If poisoning occurs, contact doctor or Poisons Information Centre.
- If contact with skin occurs, remove contaminated clothing and thoroughly wash skin.
- If swallowed do not induce vomiting, give a glass of water.
- If in eyes, hold eyes open and flood with water for at least 15 minutes then see doctor immediately.
- For further information refer to the relevant Material Safety Data Sheet.

IMPORTANT INFORMATION

The information and recommendations relating to Dura Shine are given based on current knowledge and experience. Due to variances in material substrates and site conditions no warranties implied by law or, fit to purpose of the product can be implied. We accept no responsibility for loss or injury due to the incorrect handling or improper use of the product, limiting the cost of our liability to the replacement product cost only. Always refer to current Product Technical Data Sheets.

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