

DURA CONCRETE PRIMER (PART A & B)

DI038

PRODUCT CODE:	CONCRETE PRIMER 3KG (PART A)	: CONCRETEPRIM05
	CONCRETE PRIMER CATALYST 0.8KG (PART B)	: CONCRPRICAT0087

PRODUCT DESCRIPTION: Dura **Concrete primer** is a high-performance, high volume solids primer for concrete. Dura **Concrete Primer** is used in combination with an accelerated amidoamine curing agent. This product forms an excellent bond to concrete and has good mechanical and chemical properties.

INTENDED USES: Dura **Concrete primer** is a high-performance primer for raw concrete. It is to be overcoated with (Dura **Epoxy Enamel** – DI004)

FEATURES:

Dura **Concrete primer** has been formulated for the priming of concrete, specifically for factories and warehouses.

Benefits:

- Imparts high mechanical performance
- Imparts good chemical resistance.
- Excellent penetration.
- Excellent substrate for over coating with **Dura Epoxy Enamel**.
- Excellent bond to concrete

PRODUCT INFORMATION:	• APPEARANCE	Gloss finish
	• COLOUR	Clear
	• ODOUR	Aminic
	• VOLUME SOLIDS (MIXED)	86%
	• S G @ 25°C	1.0 kg / l (Typical)
	• RECOMMENDED DFT	10 -15 Microns
	• PRACTICAL SPREADING RATE	8 m ² / LT at 25 Microns – <i>varies significantly depending on substrate porosity</i>

APPLICATION DETAILS:

- MIXING Stir thoroughly with a flat paddle until homogeneous. 0.8kg Concrete catalyst to 3kg Concrete primer. Stir well with a flat paddle. DO NOT ATTEMPT TO MIX PART CANS. DO NOT SHAKE AS THIS WILL CAUSE AIR BUBBLES.
- METHOD Use mohair roller or apply by brush
- THINNING **Do not thin.**
- SUBSTRATE Concrete

Surface Temp	Ambient Temp	Relative Humidity
Min 10°C or 2°C above dew point	Min 10°C or 2°C above dew point	Min: 0
Max.: 40°C	Max.: 40°C	Max.: 85%

- DRYING TIME

Touch dry	5 Hours @ 25°C
Dry to handle	8 Hours @ 25°C
Re-coating	24 Hours @ 25°C
Min 4 Hours – Max 24 hours @ 25°C or when no longer tacky.	

STORAGE AND PACKAGING:

- Product is sold by pack (3kg: 0.8kg mixing ratio)
- Store in original packaging.
- Store away from extreme, heat, cold or moisture.

TECHNICAL DATA SHEET

DURA CONCRETE PRIMER (PART A & B) (contd.)

TRANSPORTATION:

SHIPPING NAME: Paint
PACKAGING GROUP: 111
HAZARD CLASS: 3
S.I.N/UN NUMBER: 1263

SURFACE PREPARATION: Ensure surface is dry, free from dirt, dust, oil, grease and any other contamination before painting.

Unpainted Substrate:

Old Concrete:

- Concrete surfaces must be sandblasted or acid etched before use, then proceed as for "New Concrete"

New Concrete:

- New concrete must be at least 3 months old.
- Degrease with **ProLong Grease Devil** or **Mascon** and rinse thoroughly with clean water. Allow to dry.
- Allow to dry completely before liberally applying one coat-of **Dura Concrete Primer**.
- Do not leave longer than 72 hours before overcoating.

Top Coat

- Highly recommended. Apply two coats **Dura Epoxy Enamel, DI004**.
- Option: Apply two coats **Dura Floorkote Enamel, DI023**.

APPLICATION:

Use mohair roller or brush.

Dura Concrete Primer:

- Add the 0.8kg can of catalyst into the 3kg can of Concrete Primer and stir well with a flat paddle (not a stick – DO NOT SHAKE) for at least 8 minutes or a stirring attachment with an electric drill for 2 minutes.
- Pot life is approximately 4 hours depending on weather conditions.
- Apply one coat liberally (DFT15 microns) with a mohair roller.
- Allow to dry for at least 4 hours or until dry enough to walk on.
- Apply one coat only.

CAUTIONS:

- Avoid painting during inclement weather or if ambient or substrate temperature is below 10°C.
- Do not apply when relative humidity is more than 85%.
- For optimum performance a practical recommended spreading rate of 8 m² / l should not be exceeded.
- Catalyst is NOT interchangeable between coatings or manufacturers.
- **The mixing ratio of 0.8kg Dura Concrete Primer Catalyst to 3kg Dura Concrete Primer is critical to coating performance.**
- Failure to follow mixing instructions will result in the product not curing (drying).
- Drying times and pot life may vary significantly if ambient temperature is above or below 25°C.

SAFETY PRECAUTIONS:

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- In case of skin contact, wash with soap and water or a recognized skin cleaner. Avoid contact with eyes – in case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. If ingested give plenty of water / milk. Do not induce vomiting. Seek medical attention.
- Refer to Material Safety Data Sheets, **Dura Concrete Primer DI033 – (Part A) & Dura Concrete Primer Catalyst DI032 – (Part B)**, for further information. See www.durapaints.co.za

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DISCLAIMER:

- *The recommendations contained herein are given in good faith and are meant to guide the specifier or the user.*
- *They are based on results gained from our experiences and tests and are believed to be reliable.*
- *No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.*
- *Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used. See www.durapaints.co.za.*
- **NOTE:** Sold by pack size (kg) and not litres.