



BERGER PRODUCT SPECIFICATIONS

BERGER DURACAST UNDERCOAT

Silicate Based Primer

PRODUCT DESCRIPTION

It is inorganic silicate based premium grade two component, high build, undercoat specially formulated to prepare the substrate for good bonding of stone texture coatings.

- Superior adhesion to the substrate
- Good opacity and sealing properties
- Washable and suitable for exterior application
- Very good algae and alkaline resistance properties
- Customized colours for groove creation
- Environment friendly product

DESIGN USE

- Suitably primed concrete, plaster, brickwork, soft boards, hard boards, timber and gypsum surfaces. The surface should be painted over with appropriate exterior durable coating.

PHYSICAL DATA

WEIGHT SOLIDS	75 ± 3%
FINISH	Matt
DRY FILM THICKNESS (DFT)	100 – 200 microns
WET FILM THICKNESS (WFT)	250 – 500 microns
NUMBER OF COATS	1
THEORETICAL COVERAGE	2 – 2.5 sq. mtrs/Kg
COLOUR RANGE	White / Grey / Black
NO. OF COMPONENTS	Two
STANDARD PACKING SIZE	26 Kgs

APPLICATION METHOD

Conventional Air Spray

This is the recommended method of application

The tip size and air pressure should be adjusted / varied to obtain the desired texture size and pattern.

DRYING TIME

Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
15 °C	8 hours	36 hours	36 hours	Indefinite
25 °C	4 hours	30 hours	30 hours	Indefinite
35 °C	2 hours	24 hours	24 hours	Indefinite

ADDITIONAL INFORMATION

Thinner	Not required.
Thinning Ratio	2% maximum if required
Cleaning Solvent	Water
Flash Point	N.A.
Storage Requirements	Store in a cool, dry area away from direct sunlight.



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SURFACE PREPARATION

The service life span and the service performance of this product are directly related to the degree of surface preparation.

- New concrete should be left for at least 21 days to cure before coating.
- The moisture content of the concrete surface should be checked and ensured to be below 16% using a reliable moisture meter, such as the Sovereign Moisture Meter.
- The surface to be coated must be clean and free from all loose extraneous materials such as loose paint, dust etc.
- If fungus or algae is present, first treat with Berger Fungicidal Wash and leave for 24 hours. Then, thoroughly rinse and wash or scrape away all the fungus.
- If grease is present, clean using a mild detergent or solvent and rinse thoroughly to ensure complete removal of the grease, detergent and solvent.
- Apply a Duracast Undercoat for better adhesion and performance of the coating system.

PRODUCT USE RESTRICTIONS

- Not recommended for direct application onto bare concrete / plastered surfaces. A suitable undercoat should be applied first.
- Actual pattern of texture will depend on tip size, spray pressure and dilution factors.

SAFETY PRECAUTION

Avoid contact with eyes and skin. Wear suitable protective clothing.

Ensure that there is adequate ventilation in the area where the product is being applied.

In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

FIRST AID

- Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.
- Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner. Do Not Use solvents or thinners.
- Inhalation** : Remove to fresh air, loosen collar and keep patient rested.
- Ingestion** : In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.