



BERGER PRODUCT SPECIFICATIONS

BERGER DURACAST NANO SI

Transparent silicone top coat

PRODUCT DESCRIPTION

It is single component penetrative solvent based silane-siloxane co-polymer resin premixed clear coat for exterior applications.

- Protects stone aggregate texture against harsh climatic conditions.
- Fungus and algae resistance.
- Excellent water resistance.
- Texture impregnation
- Vapour permeable.
- Excellent adhesion and bonding strength.
- Excellent workability and application

DESIGN USE

- Suitably over new and old surfaces coated with natural stone aggregate texture coats..

PHYSICAL DATA

WEIGHT SOLIDS	7 ±1%
FINISH	Low sheen
VISCOSITY	11±3 seconds
COVERAGE	7-9 m2/Lit
COLOUR RANGE	Clear
NO. OF COMPONENTS	One
STANDARD PACKING SIZE	5lit, 16 lit, 20 lit

APPLICATION METHOD

Brush, roller, airless spray These are the recommended method of application

DRYING TIME

Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
15 °C	1.2 hours	4 hours	6 hours	Indefinite
25 °C	40 min	2 hours	3 hours	Indefinite
35 °C	30 min	1 hour	2 hours	Indefinite

ADDITIONAL

Thinner	Not required.
Cleaning Solvent	MTO
Flash Point	35 Deg C
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 two coats of Duracast Nano Si

SAFETY PRECAUTION

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

Flammable: Keep away material from ignition source. Use PPEs

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.