

EAZEE COAT

SINGLE COMPONENT WATER-BASED ELASTOMERIC WATERPROOF MEMBRANE COATING

DESCRIPTION

Eazee Coat is an acrylic-based elastomeric waterproof coating for exterior horizontal surfaces such as terraces and chajjas, and it also serves as a waterproofing basecoat for exterior walls.

USES

- Flat and sloped exposed roofs
- Waterproofing of old tiled roofs
- Waterproofing of external walls
- Chajjas and parapet walls

SUBSTRATES

- Concrete and cementitious substrates
- Brick, Masonry, or render

- Unglazed ceramic tile and china mosaics
- Asbestos or lime terrace roofs
- Metal roof sheets and industrial roofs

PRODUCT FEATURES

1. 10 years waterproofing warranty*
2. 10 °C surface temperature reduction
3. Strong adhesion to concrete, masonry, tiles, asbestos, metal sheets, etc
4. Excellent weather resistance
5. Water vapour permeable
6. Low VOC
7. Excellent resistance to algae and fungi

***Important-**Check warranty document for complete details.

PRODUCT INFORMATION

Chemical base	Acrylic copolymers, reinforcing fibres, and additives
Packaging	1.5 kg, 5 kg, 10 kg, 15 kg & 50 kg
Shelf life	60 months from the date of manufacturing
Storage conditions	Product must be stored in its original, unopened, and undamaged sealed packaging in a dry condition at a temperature between 5 °C and 30 °C.
Appearance	White colour viscous liquid
Density	1.35 ± 0.05 g/cc
Solids	70 ± 1%

APPLICATION INFORMATION

Coverage & waiting time	Primer – 4 – 5 m ² /Kg (Self-priming at 30% dilution with water) Horizontal – 1.4 m ² /Kg/2 Coat (Without any dilution) Vertical - Fresh painting - 2.5 m ² /Kg/Coat (Without any dilution) Repainting - 2.7 m ² /Kg/Coat (Without any dilution) Important: Exterior painting is required on the vertically applied coat. Note: The waiting time between coats is 4-6 hours. It can vary depending on temperature and relative humidity.
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EAZEE COAT

Ambient air temperature	+10 °C - +45 °C
Substrate temperature	+10 °C - +45 °C
Relative air humidity	80% max
Dew point	Beware of condensation. The substrate and uncured applied roof material must be at least +3 °C above the dew point to reduce the risk of condensation on the surface finish.
Substrate moisture content	≤6% (Stanley moisture meter)
Applied product ready for use	Light traffic 24 hours

Note- Applied Eazee Coat must not be subjected to ponding for 7 days. Contact the Kansai Nerolac Paints team for more information.

TECHNICAL INFORMATION

PROPERTIES	TEST METHODS	RESULTS
Tensile strength, N/mm ²	ASTM D 412	2.5
Elongation at break, %	ASTM D 412	250
Crack bridging ability, mm	AS/NZS 4548	2
Pull off adhesion, N/mm ²	ASTM D 4541	≥1.5
Depth of penetration of water under pressure @7 Bar	EN 12390-8-2019	Passes
Shore-A hardness	ASTM D 2240	80
Microbial resistance	ASTM D5590	No growth
Dry film thickness	-	Horizontal – 500-600 microns Vertical – 200-300 microns

*Values determined at the laboratory conditions: 23 °C ± 2 °C, R.H. 50 % ± 5 %, results may vary based on site conditions, contact the Kansai Nerolac Paints team for assistance.

APPLICATION PROCESS

SUBSTRATE PREPARATION

Cementitious substrates

- New concrete substrate should be 28 days old and have tensile strength >1.5 N/mm².
- Prepare the surface by cleaning it with a high-pressure water jet/wire brush and ensure that it is free from dust, oil, grease, and loose particles.
- Check the substrate for its soundness; all the damaged and hollow portions

should be repaired using polymer-modified repair mortar.

- Nerolac Perma Crack Filler should be used to fill cracks up to 10 mm; cracks more than 10 mm should be filled with **polymer-modified mortar**.
- On the roof with china mosaics or ceramic tiles, **Nerolac Perma Terrace Tile Primer** should be used as a primer before application of Eazee Coat.

Bricks and stones

- Mortar joints must be sound and preferably flush-pointed.
- Use reinforcement over joints.

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Ceramic roof tiles & china mosaics

- Ensure all tiles are securely fixed.
- Replace any broken, loose, or missing sections.
- Remove the glaze and slippery surface by grinding.
- Power wash the surface.

Metals

- Metals must be in sound surface condition.
- Abrade exposed surfaces to a bright metal finish.
- Use reinforcements over joints and fixings.
- Use an epoxy primer to ensure proper adhesion and to protect the metal from corrosion.

Existing Paint and coatings

- Paint must be sound and firmly adhered to the substrate.
- Remove loosely adhered material.
- To confirm compatibility, carry out a small trial before completing the application.

APPLICATION

HORIZONTAL AREAS

- Apply a self-priming coat of Eazee Coat by diluting 30% with water at the recommended coverage.
- Apply two coats of Eazee Coat without dilution with the help of a brush or roller at the recommended coverage.

VERTICAL AREAS

- Apply a self-priming coat of Eazee Coat by diluting 30% with water at the recommended coverage.
- Apply one coat of Eazee Coat without dilution with the help of a brush or roller at the recommended coverage.

- Apply topcoat with any exterior emulsion paint.

PRECAUTIONS

- For best performance on terraces, ensure that the product is applied on the entire roof, including the parapet walls (till the other side of the parapet wall beyond the roof joint).
- Do not over-dilute the product.
- Adhere to the forced coverage to avail the warranty.
- Avoid excessive surface abuse, which could lead to puncturing of the film.
- Do not apply during rain and extreme temperatures.
- If applied on porous substrates during rising temperatures, pinholes may occur from rising air. Apply during falling temperatures.
- Use epoxy primer if applying on metal roof sheets.

CLEANING OF THE TOOLS

- Clean all tools and equipment with water immediately after use. Hardened/cured material can only be removed mechanically.

EHS INFORMATION

Avoid inhalation, contact with eyes and skin. If you come into contact with it, wash the affected area with clean water and seek medical attention immediately.

Refer to the MSDS for safety measures and precautions while handling the product.

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Disclaimer:

The product information and application details provided by the Company have been provided in good faith and are intended only as a general guideline for use. The performance claims are based on tests conducted under controlled conditions and on our experience with the type of products. Therefore, actual performance will depend on local conditions prevailing at that point in time. Users are advised to conduct sample tests and trials to ensure the suitability of our products for their specific requirements before implementing full-scale use. The Company is not liable for factors beyond its control, such as application during adverse climatic conditions, the use of improper application tools or techniques, surface preparation, any structural defects, or the inferior quality of materials other than paints. The warranty/guarantee clauses shall be amended accordingly.