

ANDURA CLEAR-GARD

Silicone cream masonry treatment

Clear-Gard is a creamy consistency hydrophobic impregnating agent based on a mixture of silane and siloxane.

Clear-Gard is a high quality speciality product for hydrophobic impregnation of absorbent neutral to low alkaline mineral substrates.

Uses

Andura Clear-Gard is formulated for application onto absorbent exterior masonry surfaces, producing a water repellent finish with minimal effect on the surface appearance.

Approved substrates.

- Well weathered concrete and render
- Brick masonry
- Natural stone
- Weathered Cement fibre-boards

Advantages

- Excellent penetration.
- Does not affect surface appearance.
- Odourless
- Minimises efflorescence.
- Excellent breathability.
- Improved thermal efficiency
- Easy to handle and apply.

Description

Andura Clear-Gard is a creamy consistency silane-siloxane material which penetrates into building surfaces and reacts to produce a bonded, water repellent surface. Treated surfaces show significantly reduced absorption of water and water-borne contaminants whilst maintaining breathability.

Treated surfaces remain dryer and are therefore less affected by cooling from evaporation, resulting in improved thermal efficiency.

Andura Clear-Gard will leave most substrates unstained and has excellent resistance to UV light and weathering.

Technical Support

Andura offers a comprehensive range of high performance coatings for the interior and exterior protection and decoration of building surfaces.

Andura provides a support package to engineers, architects, specifiers, end-users and contractors as well as training and on-site assistance.

Application Instructions

Preparation

All surfaces shall be dry and free from contamination such as loose particles, decayed matter, moss, algal growth, laitance and all traces of mould release oils and dirt. This is best achieved by medium/high pressure water blasting the surface. Where moss, algae or similar growths have occurred, treatment with Andura Biocide shall be undertaken after the blasting process and completely removed before the application of Andura Clear-Gard. All areas must be sound and free from cracks and other possible access points for driving rain. Re-pointing is sometimes required with brick and stone work. Re-pointing should be carried out using a mix incorporating an integral waterproofing additive. Assess other water ingress points such as seals around windows and doors and joints above lintels. These need to be water tight.

Application

Surfaces must be dry before coating. Cement render and concrete should be fully cured and weathered before applying Clear-Gard.

Andura Clear-Gard should be applied by brush, roller or suitable airless spray

It is strongly recommended that a trial area be applied to assess coverage rate.

Slight darkening may occur on some substrates although this will usually fade over time.

Application rates will vary according to the type of substrate but should typically be in the region of 100g – 200g per m² (approx. 20 - 40m²/5 litres or 0.12 – 0.25 litres per m² depending on absorbency and texture of the surface).

Care should be taken to protect painted surfaces, plastics and glass from contamination during application.

Cleaning

Andura Clear-Gard may be removed from equipment using water and detergent. Do not use thinners to remove material from the skin.

Limitations

Andura Clear-Gard has been formulated for application to clean and sound neutral/low alkaline masonry surfaces. Andura Clear-Gard should not be applied to new highly alkaline surfaces such as un-weathered concrete and cement render. Care shall be taken to ensure that anything which may interfere with the surface penetration and reaction shall be removed.

The application of Andura Clear-Gard should be carried out at temperatures between 5°C and 25°C. Do not apply when rain is likely.

Andura Clear-Gard may slightly darken some substrates and white cement. This is often a temporary effect. On such surfaces, a trial area shall be undertaken to the satisfaction of the specifying officer.

Estimating

Supply

Andura Clear-Gard 5 litre pails

Application Rate

See under application section.

Storage

Andura Clear-Gard has a shelf life of at least 12 months if kept in a dry store, in the original, unopened containers.

Precautions

Health Safety and Environmental Information

This product is for Exterior Use only.

Andura Clear-Gard is not classified as hazardous according to regulation (EC) No. 1274/2008

Repeated exposure may cause skin dryness and cracking.

Keep away from sources of ignition – no smoking.

Use only in well ventilated areas.

In case of insufficient ventilation, wear suitable respiratory protection. In confined spaces, when spraying, wear air-fed respiratory protection. Do not breathe spray.

Avoid contact with skin and eyes.

When applying, the use of eye protection is recommended.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After contact with skin, wash immediately with plenty of soap and water or a proprietary skin cleanser. Do not use solvents.

Keep out of reach of children.

If swallowed, seek medical advice immediately and show the container or label..

Do not empty into drains or watercourses.

Avoid release to the environment. Refer to the safety data sheet which includes waste hazard categories.

Refer to the Safety Data Sheet before using this product.

Fire

Keep away from sources of ignition. In the event of fire, extinguish with CO₂ or foam. Do not use a water jet.

Flash points

Andura Clear-Gard: 75°C

For further information, refer to the safety data sheet.

Quality Management

Andura's Quality Management Systems have been assessed and approved by BSI and conform to ISO 9001: 2008.

Disclaimer

The advice and information provided in this data sheet is given in good faith, but carries no guarantee or acceptance of responsibility. This data sheet becomes invalid as soon as a new edition has been issued. Please check with Andura Coatings that you have the latest edition.

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