

ANDURA

Pro-Clear Ultimate

A solvent borne clear silane-siloxane water repellent treatment for application onto exterior concrete, brick, stone and many other mineral building materials.

USES

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

Approved substrates.

- All kinds of concrete
- Brick masonry
- Lime sandstone masonry
- Mineral based natural & artificial stone
- Cement fibre-boards

ADVANTAGES

- Excellent penetration capacity.
- Does not affect surface appearance.
- Extremely high alkali resistance.
- Minimises efflorescence.
- Excellent breathability.
- Tack free drying.

DESCRIPTION

Andura Pro-Clear Ultimate is a single component silanesiloxane system which penetrates into building surfaces and reacts to produce a bonded, water repellent lining. It then significantly reduces the absorption of water and water-borne contaminants whilst allowing breathability.

Andura Pro-Clear Ultimate 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.

TECHNICAL DATA

The following are typical values for Andura Pro-Clear Ultimate applied at the minimum recommended application rate.

Masonry water repellency,
BS 6477 Groups 1, 3 & 4:

SPECIFICATION CLAUSE

The water repellent protective treatment shall be Andura Pro-Clear Ultimate. When applied at its minimum application rate, the treatment shall pass BS 6477 Groups 1, 3 & 4, masonry water repellency.

APPLICATION

PREPARATION

All surfaces shall be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth laticance and all traces of mould release oils.

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 Pro-Clear Ultimate.

Care shall be taken to ensure that application and run-down does not occur on glass areas.

APPLICATION

Andura Pro-Clear Ultimate should be applied by low pressure spray or flood coating using a soft brush. The product should be applied to saturation, starting at the top of the areas to be treated. Several passes may be required although normally two passes will suffice. Apply wet on wet, allowing all of the product to be absorbed after each application.

Application rates will vary according to the type of substrate. As a guide, typical application rates are as follows:

Concrete : 0.25 – 0.5 l/m²

Lime Sandstone : 0.4 – 0.7 l/m²

Brickwork : 0.4 – 2.0 l/m²

Natural stone : 0.05 – 3.0 l/m²

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

EQUIPMENT

For spray application use Airless Spray Equipment that will support a tip size of 25 – 27 thou (0,025" – 0,027").

CLEANING

Andura Pro-Clear Ultimate shall be removed from tools and equipment using Andura Thinners T66.

Do not use thinners to remove material from the skin.

LIMITATIONS

Andura Pro-Clear Ultimate has been formulated for application to clean and sound concrete and masonry. Care shall be taken to ensure that anything which may interfere with the surface penetration and reaction shall be removed.

Andura Pro-Clear Ultimate shall not be contaminated with water.

The application of Andura Pro-Clear Ultimate shall not commence if the ambient and/or background temperatures are below 2°C or 2°C and falling, nor when rain is likely.

Andura Pro-Clear Ultimate may darken some polymer modified substrates and white cement. On such surfaces, a trial area shall be undertaken to the satisfaction of the specifying officer.

ESTIMATING SUPPLY

Andura Pro-Clear 5 litre cans
Andura Thinners T66: 5 litre cans

APPLICATION RATE PER COAT

See under application section.

STORAGE

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

Once opened, a container shall be used the same day and not re-sealed for future use.

PRECAUTIONS

Health Safety and Environmental Information

Solvent Borne Coating

This Product Is For Exterior Use Only

Harmful : may cause lung damage if swallowed.
Flammable.

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. Toxic to aquatic organisms; may cause long term adverse effects in the aquatic environment. Do not empty into drains or water-courses. 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

Andura Pro-Clear Ultimate and Andura Thinners T66 are flammable. Keep away from sources of ignition. In the event of fire, extinguish with CO2 or foam. Do not use a water jet.

FLASH POINT

Andura Classic Primer > 38°C

Andura Thinners: > 38°C

QUALITY MANAGEMENT

Andura Coatings has been a British Standards approved company since 1992. 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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