



ANDURA PRO-CLEAR ULTIMATE

Penetrating, water repellent, silane-siloxane treatment for concrete, brick, stone and other masonry.

Uses

Andura Pro-Clear will protect atmospherically exposed masonry substrates from attack by water and chlorides. It is particularly suitable for the protection of reinforced concrete from water and chloride attack, but will protect other building materials from the damaging effects of water intrusion.

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 is a single component silane-siloxane 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 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 applied at the minimum recommended application rate.

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

Specification Clause

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

Application Instructions

Preparation

All surfaces shall be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth laitance 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.

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

Application

In order to obtain the protective properties of Andura Pro-Clear, it is essential that the correct rate of application is achieved.

Andura Pro-Clear shall be applied by flood coating until the recommended total application rate of 0.3 - 0.4 litres per square metre has been achieved. This is best achieved by using portable, low pressure spray equipment of the Knapsack type, and by commencing at the highest elevation. Following complete saturation at this level, minimum two flood passes, application shall proceed down the elevation until the calculated litreage has been applied to the known square metreage. In order to facilitate this process, a known square metreage shall be delineated and the litreage assessed.

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

Cleaning

Andura Pro-Clear 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 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 shall not be contaminated with water.

The application of Andura Pro-Clear 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 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

Andura Pro-Clear:	0.3 - 0.4 litre per square metre.
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The application rate is given for guidance only. Owing to factors such as wastage, application technique and the nature and variety of possible substrates, practical application rates may differ significantly.

Storage

Andura Pro-Clear 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 and Safety

Andura Pro-Clear should not come into contact with the skin and eyes, or be swallowed. Ensure adequate ventilation and avoid inhalation

of vapours. Some people are sensitive to resins and solvents. Wear suitable protective clothing, gloves and eye protection. If working in confined areas, suitable respiratory protective equipment must be worn. The use of barrier cream provides additional skin protection. In the case of contact with the skin, rinse with plenty of clean water, then clean with soap and water.

Do not use solvent. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately – do not induce vomiting. Observe all precautionary notices on the container. Further information can be obtained from the safety data sheet.

Fire

Andura Pro-Clear 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 points

Andura Pro-Clear: > 38°C
Andura Thinners T66: > 38°C

For further information, refer to the safety data sheet.

Quality Management

Andura is a British Standards approved firm and has been since 1992.

Andura's Quality Management Systems have been assessed and approved by BSI and conform to ISO 9001: 2000.

Disclaimer

The information given in this data sheet is for guidance only. Any person using these products without first making further enquiries as to the suitability of the product for the intended purpose does so at his own risk, and we can accept no liability for the performance of the product, nor for any loss or damage other than death or personal injury resulting from our negligence arising out of such use. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of product development.

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