



ANDURA CLASSIC 21

High performance, textured protective and decorative coating for concrete and masonry.

Uses

Andura Classic 21 has been specifically formulated for the protection and decoration of brick, render and other masonry surfaces.

Advantages

Andura Classic 21 is a breathable coating.

UV and weather resistant for long-term preservations of protective properties and appearance.

Attractive textured appearance capable of concealing surface blemishes.

Description

Andura Classic 21 is a single component coating ready for immediate site use.

Andura Classic Primer, a single component acrylic material, is recommended as a stabilising primer on masonry surfaces.

Andura Classic Slush is a finely textured Acrylic Primer for rough and uneven masonry surfaces.

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 oil, grease, loose particles, decayed matter, moss algal growth, laitance and all traces of mould release oils. This is often, but not always, 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.

All cracks should be raked out and repaired. Check all areas for blown or loose render, reinstate and match in. Where bitumen is present remove from surface and treat surface with an anti-bleed sealer.

In order to produce a continuous coating of Andura Classic 21 for optimum protective and decorative performance, all surfaces exhibiting blow-holes or similar imperfections shall be treated with our recommended fairing coat. Please consult Andura for further details.

On undulating surfaces such as brick, pebbledash, roughcast and deep exposed aggregate, bag-rubbing and/or special care with application technique to ensure intimate coverage without splitting shall be undertaken. Consult Andura for further details.

It is not normally recommended that previously painted surfaces are bag-rubbed.

Application

In order to obtain the protective properties of the Andura Classic 21, it is essential that the correct rates of application are achieved.

All prepared surfaces shall receive one coat of Andura Classic Primer or Andura Classic Slush and one coat of Andura Classic 21.

All materials shall be thoroughly stirred before use to a uniform colour and consistency.

During application of all materials, walkways, plants, joint sealants, asphalt and bitumen painted areas and glass shall be masked and shielding provided to prevent airborne contamination.

Application of Andura Classic Primer/Slush and Andura Classic 21 shall not be undertaken in rain nor when rain is likely within 6 hours of application, nor when ambient and/or background temperatures are below 2°C or 2°C and falling.

Andura Classic Primer or Andura Classic Slush shall be applied to all prepared surfaces by brush, roller or spray at an application rate of 0.20 – 0.25 or 0.30 – 0.45 litres per square metre respectively, depending on the nature of the substrate. A uniform surface appearance shall be achieved and if any porous patches remain, a further application of Primer/Slush shall be made.

The Primer shall be allowed to dry for a minimum of 6 hours at 20°C before continuing. Under no circumstances shall the primer be overcoated with topcoat until the surface is completely dry. If not overcoated after 4 weeks, re-application of Primer shall be carried out.

Andura Classic 21 shall be applied in one coat to all primed surfaces by spray at a uniform minimum application rate of 1.2 – 1.5 litres per square metre; at a minimum of 1200 microns wet film thickness. On textured surfaces such as pebbledash, product usage may be significantly more. Non-uniform coverage may provide varying textures resulting in a patchy appearance.

Spray Application Guidelines

1. Gun tip should be held between 12” to 18” from the wall.
2. Hold spray gun at right angles to wall at all times.

3. Use either horizontal or vertical motions and overlap on each pass of the gun by 50% to ensure even appearance.
4. Avoid heavy build-up of material when overlapping.
5. To avoid overlapping marks, a wet edge should be maintained, avoid starting and stopping midway on a wall, continue to spray until a natural break, such as a downpipe or corner is reached.

Equipment

Graco 10-1 President Spray Unit.

Material and Air Cap size: ¼ inch.

Compressor size: Minimum 60 cfm delivery.

In exceptional circumstances, e.g. low temperature, it may be necessary to thin down by a maximum of 2.5% with Thinner T66. Advice on this should always be taken from the Andura Technical Department.

Cleaning

Andura Classic Primer/Slush and Andura Classic 21 should be removed from tools and equipment with Andura Thinners T66 immediately after use. Dried material can only be removed mechanically.

Do not use thinners or solvent to remove dried materials from the skin.

Limitations

Andura Classic 21 has been formulated for application to clean and sound concrete and masonry.

Different batch numbers should not be used on the same elevation. Be sure sufficient materials have been ordered to ensure proper colour matching.

Where application over existing coatings or paint is required, trials should be undertaken to ensure compatibility and bond retention between the underlying coating and the substrate and between Andura Classic 21 and the underlying coating.

It is not normally recommended that previously painted surfaces are bag rubbed.

Andura Classic 21 is not designed for use below DPC level nor where no DPC is present.

Where Andura Classic 21 is applied to chimneys, gutters, pipes, plinths, cables, ironwork, bitumastic coated surfaces, red oxide coated surfaces, galvanised surfaces, wood or painted wooden surfaces, glass, glazed surfaces, any plastic or UPVC surfaces, the life expectancy can be significantly reduced. Accordingly Andura do not recommend that Andura Classic 21 is applied to such surfaces. Any application to such surfaces should not be guaranteed.

Estimating

Supply

Andura Classic Slush:	20 litre pails
Andura Classic Primer:	20 litre pails
Andura Classic 21:	20 litre pails
Andura Thinners T66:	5 litre cans

Application Rate

Andura Classic Slush:	0.30 – 0.45 litres per square metre.
Andura Classic Primer:	0.20 – 0.25 litres per square metre
Andura Classic 21:	1.20 – 1.50 litres per square metre.

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

All products have a shelf life of 12 months if kept in a dry store in the original, unopened containers.

Precautions

Health and safety

Andura Classic 21 and Andura Classic Primer/Slush 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 used. The use of barrier creams provide additional skin protection. In the case of contact with 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 Classic Primer / Slush, Andura Classic 21 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 Classic Primer / Slush	> 38°C
Andura Classic 21	> 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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