



ANDURA CLASSIC 21

High performance, textured protective and decorative coating for spray application to external masonry surfaces.

Uses

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

Advantages

- Attractive textured finishes.
- High build – disguises scars, and surface imperfections.
- Durable and very long lasting.
- Breathable.
- BBA Approved Cert. No. 17/5401

Description

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

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

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 protection and decoration of exterior 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

Where any doubt exists as to the adhesion of existing paints, they should be removed prior to applying Classic 21.

All surfaces shall be clean, dry, dust free and free from mould and/or algal growth. This is often, but not always, best achieved by medium/high pressure water blasting the surface. **Where moss, algae or similar growths have occurred or where existing paints have not been removed, treatment with Andura Biocide shall always be undertaken** after the blasting process. The surface must be allowed to dry before applying Andura Biocide. Existing coatings or masonry paints which exhibit poor adhesion to the background can severely reduce the performance of Classic 21. Where any doubt exists concerning the condition of previously applied products, these must be completely removed by appropriate means.

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.

Detailing around roofs, windows etc. should be checked to ensure that there is no water ingress from these areas. Similarly, DPC's and any source of damp from retaining walls etc. should be identified and remedied.

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. The application of bag rubbing mixes of poor design may adversely affect the adhesion of the Classic 21 system. Consult Andura for further details. It is not normally recommended that previously painted surfaces are bag-rubbed.

For areas where recent repairs have been carried out or the entire area has been rendered or treated with cement based materials, due care must be taken to ensure that the areas are sufficiently cured and dried out and that excessive moisture is not present.

Areas of recent repair/render installation and other cement based applications can be highly alkaline. Alkaline salts can actively attack Classic 21 and cause coating failure. It is strongly advised that **two** coats of Classic Primer or Classic Slush (alkali resistant primers) are applied in these areas.

Application

All surfaces must be completely dry in depth before coating.

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

All prepared surfaces shall receive one coat of Classic Primer or Classic Slush (two coats onto highly alkaline surfaces – see above) and one coat of 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 Classic 21 shall not be undertaken during wet conditions, or during foggy or frosty weather.

Classic Primer or 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.

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

Classic 21 has been formulated for application to clean and sound concrete and masonry. Application may not be appropriate for some properties requiring a very high level of moisture transmission. Examples include historic traditional timber framed buildings, very soft stone and some traditional lime render finishes. Advice should be sought on suitable finishes for these types of property. It is not normally recommended that previously painted surfaces are bag rubbed. Classic 21 is not designed for use below DPC level nor where no DPC is present.

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 Classic 21 and the underlying coating.

Where 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 Classic 21 is applied to such surfaces.

Coating of parapet, free-standing and retaining walls below ground level damp proof course is

not recommended. In these circumstances, it is often not possible to prevent excessive moisture penetration and subsequent coating failure.

Estimating

Supply

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

Application Rate per coat

Classic Slush:	0.30 – 0.45 litres per square metre.
Classic Primer:	0.20 – 0.25 litres per square metre
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, Safety and Environmental Information

Solvent Based Coating - This product is for Exterior Use only.

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.

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.

EU limit for this product (Cat A/c) 430g/l (2010). This product contains max. 430g/l.

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

Classic Primer / Slush	> 38°C
Classic 21	> 38°C
Thinners T66	> 38°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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Issue 02/17



Certificate No. FM 663919