



ANDURA AQUATEX

Provisional Product Data Sheet

High performance, water-borne elastomeric textured coating formulated for spray application onto exterior masonry surfaces.

Advantages

- Provides long term crack bridging properties.
- Remains flexible in sub-zero winter temperatures.
- Excellent exterior durability.
- Breathable.
- Alkali resistant.
- Low VOC.
- Attractive textured finish.
- Clean-up with water.
- Low odour.

Description

Aquatex is a water-borne pure acrylic textured coating supplied ready for use. Aquatex is formulated on an elastomeric binder which provides exceptional mechanical properties at both high and low temperatures.

The incorporation of a 'quick set' technology provides improved early shower resistance compared with many conventional high build water borne coatings.

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. Any areas of bare iron or steel must be primed using a proprietary anti corrosive primer and allowed to dry for the recommended period of time.

In order to produce a continuous coating of Aquatex 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 Andura Aquatex, it is essential that the correct rates of application are achieved.

Where the prepared surfaces remain chalky or show signs of surface dusting, these areas must

be consolidated using Andura Classic primer or stabilising solution.

The primer must be allowed to dry for a minimum of 6 hours at 20 deg C before continuing. Under no circumstances shall the primer be over-coated with topcoat before the surface is completely dry.

All materials shall be thoroughly stirred to a uniform consistency before use. In order to avoid skinning, especially in warm weather, do not leave Aquatex in open container for longer than necessary.

Application should not be undertaken where the air or substrate temperature is below 5 deg C and is falling or where rain, fog or frost are anticipated within 6 hours.

Aquatex shall be applied in one coat to all prepared surfaces by spray, at a uniform rate of between 1.2 and 1.5 litres per square metre to give a minimum wet film thickness of 1200 microns. 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 water. Advice on this should always be taken from the Andura Technical Department.

Cleaning

Clean equipment immediately after use using clean water. Where Aquatex has dried, soaking equipment in warm water and detergent will soften the film sufficiently for it to be removed mechanically.

Limitations

Aquatex 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 Aquatex and the underlying coating.

It is not normally recommended that previously painted surfaces are bag rubbed. Aquatex is not designed for use below DPC level nor where no DPC is present.

Where Aquatex 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 Aquatex 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 Aquatex:	20 litre pails

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 Aquatex:	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

Store in a cool dry place and protect from frost and direct sunlight.

Shelf life is at least 12 months in unopened original containers.

Health & Safety

Refer to the appropriate Health & Safety data sheet before use.

Aquatex is water-borne and non flammable. Ensure that normal industrial hygiene measures are carried out. Avoid contact with skin. Where contact occurs, wash with soap and water or use a proprietary skin cleanser. Avoid breathing spray. Use appropriate respiratory protection if necessary.

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: 2008.

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.

Andura Coatings Ltd
20 Murdock Road
Bicester
Oxfordshire OX26 4PP

Telephone: 01869 240374
Facsimile: 01869 240375
e-mail: info@andura.co.uk
Website: www.andura.com

Issue 02/10



Certificate No. FM 14830