



## TMC FINE TEXTURE

High performance, textured, acrylic protective and decorative coatings for concrete and masonry.

### Uses

TMC Fine Texture has been specifically formulated for the protection of atmospherically exposed reinforced concrete from attack by acidic gases, water and chlorides whilst exhibiting excellent breathability. It is equally effective in protecting other cementitious substrates and masonry.

### Advantages

Excellent barrier to atmospheric carbon dioxide, water and chlorides.

Excellent breathability.

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

Attractive texture appearance capable of concealing surface blemishes.

### Description

TMC Fine Texture is a single component acrylic coating ready for immediate site use.

TMC Primer, a single component acrylic material, is recommended as a stabilising primer on cementitious 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.

### Technical Data

The following are typical values for TMC Fine Texture applied at the minimum recommended application rate.

**Volume Solids:**  
50% +/- 2%

**Carbon dioxide diffusion resistance:**  
>50 metres of air barrier

**Water vapour transmission, ASTM E96:**  
<4 metres of air barrier

**BBA approved product:**  
15 years minimum

**Surface spread of flame, BS 476 Pt.7:**  
Class 1

**Fire propagation, BS 476 Pt. 6:**  
Pass

**Building Regulation fire rating:**  
Class 0

## Specification clause

The protective coating systems shall be the Andura TMC Fine Texture System. When applied at its minimum recommended application rate, the system shall provide a carbon dioxide diffusion resistance of greater than 50 metres of air barrier and a water vapour transmission rate of less than 4 metres of air barrier. It shall exhibit a Building Regulations Class 0 fire rating and be BBA approved for a minimum of 15 years.

## 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.

In order to produce a continuous coating of TMC Fine Texture, 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 highly undulating finishes, such as 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.

### Application

In order to obtain the protective properties of the Andura TMC Fine Texture system, it is essential that the correct rates of application are achieved.

All prepared surfaces shall receive one coat of

TMC Primer and one coat of TMC Fine Texture.

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

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

Application of TMC Primer and TMC Fine Texture 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.

TMC Primer shall be applied to all prepared surfaces by brush, roller or spray at an application rate of 0.20 – 0.25 litres per square metre, 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 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 over-coated with topcoat until the surface is completely dry. If not over-coated after 4 weeks, re-application of Primer shall be carried out.

TMC Fine Texture shall be applied in one coat to all primed surfaces by brush/roller, trowel/roller or spray at a uniform minimum application rate of 1.2 – 1.5 litres per square metre.

When TMC Fine Texture is used as part of the façade system, i.e. coating cladding boards, two coats each of 1.2 – 1.5 litres per should be used. Non-uniform coverage may provide varying textures. The wet film shall then be worked with the Andura Loop Pile Roller crossways until the coating is spread evenly.

The coating shall then be laid off with a roller in a downwards direction, using a constant light pressure, taking care to achieve an evenly textured appearance.

## Cleaning

TMC Primer and TMC Fine Texture should be removed from tools and equipment with Andura Thinners T77 immediately after use. Dried material can only be removed mechanically.

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

## Limitations

The TMC Fine Texture System has been formulated for application to clean and sound concrete and masonry.

Where application over existing coatings or paints is required, trials should be undertaken to ensure compatibility and bond retention between the underlying coating and the substrate and between TMC Fine Texture and the underlying coating.

## Estimating

### Supply

TMC Primer:	20 litre pails
TMC Fine Texture:	20 litre pails
Andura Thinners T77:	5 litre cans

### Application Rate

TMC Primer:	0.20 – 0.25 litres per square metre.
TMC Fine Texture:	1.2 – 1.5 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

TMC Primer and TMC Fine Texture 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 provides 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

TMC Primer, TMC Fine Texture and Andura Thinners T77 are flammable. Keep away from sources of ignition. In the event of fire, extinguish with CO<sub>2</sub> or foam. Do not use a water jet.

### Flash Points

TMC Fine Texture:	>38°C
Andura Thinners T77:	>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 continuous product developments.

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