

MONODEX TEXTURED



High Performance, Flexible Waterborne Textured Coating

USES

MONODEX TEXTURED is a highly engineered, water-based, elastomeric, decorative wall coating with a textured finish and anti-microbial protection. Due to its textured composition, it is ideal for hiding surface defects and imperfections, providing walls with a uniform appearance and vastly improving the aesthetic appearance of buildings and other structures. **MONODEX TEXTURED** is suitable for both internal and external applications.

ADVANTAGES

- High build, textured finish effectively hides surface defects.
- Advanced in-film, non-leaching biocide is encapsulated into the coating, inhibiting the growth of mould, algae and lichens for many years.
- State-of-the-art cross-linking micropolymer resin system affords outstanding durability.
- Provides effective protection against water ingress, yet allows damp substrates to breathe and dry out without blistering.
- Low hazard, water-based product with no flash point. Equipment easily cleaned with water.
- Excellent adhesion to concrete and other masonry substrates.
- Tough, hard-wearing finish with an anticipated lifespan of at least 10 years.

PRODUCT DESCRIPTION

MONODEX TEXTURED is a high quality, single component, textured acrylic, protective and decorative coating for masonry surfaces. Based on an advanced micropolymer resin binder which cross-links to afford excellent durability, it effectively waterproofs the surface for many years, yet allows high levels of entrapped substrate moisture to escape without causing blistering or delamination. The resin-rich coating encapsulates the individual textured particles without leaving thin areas over particle peaks. It has an elastomeric formulation, bridging hairline cracks and facilitating substrate movement without cracking or flaking. **MONODEX TEXTURED** is available in a range of attractive colours, and an active biocide inhibits mould and lichen growth.

TECHNICAL DATA (TYPICAL)

Basis: Styrene acrylic copolymer.
 Solids Content: 73.9% (wt) 56.9.0% (vol)
 Specific Gravity: 1.65
 VOC Content: <0.05% by mass.
 Min. Application Temperature: 3°C

Curing/Drying Time (approx):
 4 hours at 40°C.
 6 hours at 20°C/65% RH
 12 hours or longer at 5°C

Elongation At Break: BS903 Part A2
 1 coat 46% (nominal 400µm DFT)
 2 coats 172% (nominal 800µm DFT)

Water Vapour Transmission: BS EN ISO 7783-2
 $V = 12\text{g/m}^2/\text{day}$

Equivalent Air Layer Thickness: $S_D = 1.71\text{m}$
 Class I <5m equivalent air layer thickness

Liquid Water Permeability: BS EN 1063-3:1998
 $W = 0.06\text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$

Class III Low Permeability

Accelerated Weathering: EN1062-11:2002

No blistering, cracking or flaking or loss of aggregate after 2000hrs QUV-B weathering.



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EN1504-2: Surface Protection Systems
 - Moisture Control (MCC)

Adhesive Bond: Pass $\geq 2.5\text{ MPa}$
 Water Vapour Permeability: Class I <5m
 Capillary Absorption: Class III <0.1 $\text{kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0.5}$
 Artificial Weathering: 2000 hours
 Dangerous Substances: Complies with 5.4

APPLICATION DATA

Application Guide available on request.

PREPARATION

Areas to be treated must be free from unsound material, i.e. dust, oil, grease, corrosion by-products and organic growth. Mechanically remove surface laitance and any soft, sandy or flaking material. Use techniques to achieve the required degree of preparation, such as wet grit or water blasting techniques or equivalent approved methods. Flexcrete Concrete Repair Mortars must be allowed to cure for a minimum of 24 hours. Our Technical Department will advise on treating other substrates.

EQUIPMENT

- Brushes: Wide, soft nylon or bristle paint brushes.
- Rollers: Use a heavy nap ($\frac{3}{4}$ " or 1") synthetic cover. Alternatively, plain or patterned plastic rollers can be used after brushing or spraying in order to achieve different surface textures.
- Spray: Air-fed hopper guns or similar can be used. Different textures can be achieved in conjunction with plastic rollers as detailed above.

PRIMING

Ensure substrate moisture content is less than 20% wood moisture equivalent. Apply **BOND-PRIME** to prepared surfaces at a rate of up to 5m²/litre by brush, roller or airless spray. Ensure complete coverage. Rough or porous surfaces will increase consumption. For further information, please refer to relevant data sheet and priming guide.

COATING

Apply **MONODEX TEXTURED** by brush, roller or hopper gun at the coverage rates below. For a lightly textured, decorative finish, one coat may be applied. For full waterproofing, or where a higher relief is preferred, two coats are recommended. Allow to dry for a minimum of 4 hours in ideal conditions until touch dry before applying a second coat where appropriate.

COAT	COVERAGE RATE			
	l/m ²	m ² /l	WFT (µm)	DFT (µm)
1ST	0.5	2.0	Variable	
2ND	0.5	2.0	Variable	
OVERALL	1.0	1.0		Variable

Coverage rates are for smooth, non-absorbent surfaces. Make allowances for uneven or absorbent surfaces.

CLEANING

All tools should be cleaned with water immediately after use.

SHELF LIFE

Shelf life is 2 years for unopened containers stored in dry, frost free conditions away from heat.

PACKAGING

Pack Size: 15 litres

SAFETY DATA

Safety Data Sheet available on request.



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Quality
Environmental
Health & Safety

The information herein is correct to the best of our knowledge, but it does not necessarily refer to the particular requirements of the customer. If the customer has any particular requirements it should make them known in writing to Flexcrete Technologies Limited, and obtain further advice accordingly.