



# ADVABRUSH 1

ACRYLIC POLYMER MODIFIED PROTECTIVE AND DECORATIVE COATING FOR CONCRETE AND MASONRY

## DESCRIPTION

ADVABRUSH – 1 comprises a two component acrylic polymer modified cementitious coating supplied in ready to mix kits. ADVABRUSH – 1 can be simply applied by stiff brush, roller, spray or towel to obtain the desired texture.

## USES

To protect atmospherically exposed reinforced concrete structures from attack by acid gases, chloride ions, oxygen and water. The product is also suitable to protect other cementitious substrates and masonry for new and existing structures. Typical applications include:

- ▶ Re-facing and reprofiling concrete & masonry surface.
- ▶ Flexible coating to bridge shrinkage cracks.
- ▶ Waterproof coating for water tanks and reservoirs.
- ▶ Backing to marble and granite, preventing water ingress and alleviate staining.

## ADVANTAGES

- ▶ Water proof suitable for water retaining structures.
- ▶ High resistance to the effects of long-term weathering, durable in all climatic conditions including UV attack.
- ▶ Minimum surface preparation needed and low labour costs.
- ▶ Good abrasion resistance.
- ▶ Allows water vapour to escape from the structure.
- ▶ Excellent barrier to carbon dioxide, chloride ions and water

## APPLICATION

### INSTRUCTION FOR USE

The coating should be applied in two coats to achieve a total dry film thickness of not less than 2mm. Areas subjected to light foot traffic should receive minimum 2mm thickness and an additional 2mm coating should be applied to areas of moderate to heavy pedestrian conditions.

### PREPARATION

All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, laitance, and all traces of mold release oils and curing compound. This is best achieved by lightly grit-blasting the surface.

Where moss, algae or similar growths have occurred, treatment with a proprietary biocide should be carried out after the grit-blasting process.

It is essential that all surfaces to be treated be pre-soaked with clean water prior to application of ADVABRUSH – 1



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## MIXING

ADVABRUSH – 1 liquid should be poured from the plastic containers into the metal drum provided. For brush application consistency mix with a slow speed drill.

The powder component should be added gradually to the liquid to avoid lump formation and mixed for 5 minutes.

## COVERAGE

Theoretical 14 m<sup>2</sup>/ pack, 1mm thickness

## HEALTH & SAFETY

ADVABRUSH – 1 components are non-flammable. For further information, refer to the product Safety Data Sheet.

## CLEANING

ADVABRUSH – 1 should be removed from tools and equipment with clean water immediately after use. Hardened material can be removed mechanically.

## TECHNICAL SPECIFICATIONS

|   |  |
|---|--|
| Pot Life                                | 80 mins @ 25 °C  |
| Color                                   | Grey, White or As per customer requirements            |
| Application Temp                        | >5°C and < 45°C  |
| Tensile Strength (ASTM D638)            | > 1 N/mm <sup>2</sup>                                  |
| Bond Strength (ASTM D4541)              | > 1 N/mm <sup>2</sup>                                  |
| Moisture Vapour Transmission (ASTM E96) | >300 (g/m <sup>2</sup> per day)                        |
| Storage                                 | Store between 35°C and 10°C<br>in a shaded environment |
| Shelf life                              | 12 months in unopened packs                            |
| Packing                                 | Powder: 15kg/bag<br>Liquid: 5kg/ jerry can             |

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.