

STRONGHOLD SMOOTH

A water-borne smooth protective and decorative finish. For use on most exterior masonry surfaces and exterior grade building boards. Can also be used where carbonation protection of concrete is important due to its high carbon dioxide diffusion resistance.

AVAILABILITY

Colour range Refer to current Crown Trade Colour Selector.

Packaging 5 litre. 10 litre White, Magnolia and Cream.

PROPERTIES

Drying time Under normal drying conditions touch dry 1-2 hours, recoatable after 6 hours.

Finish Satin.

Composition Pigment: Titanium Dioxide, light fast coloured pigments and extenders
Binder: Vinyl acetate copolymer.
Solvent: Water.

Spreading rate 13m² per litre. On textured surface the spreading rate will vary down to approx. 4m² per litre.

Wet film thickness 77 micrometres at 13m² per litre.

Dry film thickness 28 micrometres at 13m² per litre.

Volume solids 36% Brilliant White other colours will vary.

Flash point Not applicable.

VOC content EU limit value for this product (cat.A/c): 75 g/l (2007) / 40 g/l (2010)
This product contains max. 19 g/l VOC.

Carbon Dioxide Permeability

EN1062-6 Classification C₁ (R = 192m) – Taylor Woodrow Certificate of Test No: 8825.

Limitations Do not apply when there is a risk of rain, air or substrate temperatures are likely to fall below 8°C or when the relative humidity is above 80% during application or the drying period. Do not use on bitumen coatings. The decoration of Fletton brickwork either facings or commons is not recommended.

PREPARATION

New surfaces All surfaces must be sound, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied. Surfaces with suction (porous surfaces) should be treated with an application of Crown Trade Stronghold Stabilising Primer Clear.

Previously decorated surfaces

All surfaces must be sound, suitably dry and free from anything that will interfere with the adhesion of the material to be applied. Remove all loose, and failing or suspect material by scraping or brushing with a stiff bristle brush (not wire) to a sound edge. Organic growth must be removed and the areas treated with Crown Trade Fungicidal Solution. For surfaces in poor condition mechanical means may be necessary e.g. pressure washing between 1500-2000 psi (102-136 bar), proprietary paint removal system, wet or dry grit blasting. Care must be taken not to damage the underlying surface. Fill cracks and small defects in masonry surfaces with Sandtex Trade Ready Mixed Filler or Exterior Easiplast and finish to match existing. Stabilise all bare, filled and previously decorated chalking areas with an application of Crown Trade Stronghold Stabilising Primer Off White. Wash any soundly adhering gloss

painted surfaces with hot water and liquid detergent solution to remove any contaminants frequently changing the water. Wet abrade to provide a key. Rinse thoroughly with clean water to remove all residues.

COATING SYSTEM Apply two coats as required.

APPLICATION Stir well before use. Apply by brush, medium or long pile roller depending on surface texture, or by airless spray. For airless spray use a minimum fluid pressure of 2000psi (136 bar) and a minimum tip size of 0.018 thou. Mask as necessary with a wet strength grade masking paper.

CLEANING Return surplus material to container. Wash with clean water immediately after use.

MAINTENANCE INFORMATION FOR CDM FILE

Between maintenance redecoration surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt.

HEALTH AND SAFETY Please refer to the Safety, Health and Environmental Information on the container. Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. For further information contact the Akzo Nobel Customer Advice Centre. When preparing all surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask. Material Safety Data Sheets for this and all other Akzo Nobel products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children or animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.

GENERAL INFORMATION

Apply all products in accordance with BS 6150: 2006 Code of practice for painting of buildings and BS 8000: Part 12: 1989 Code of practice for decorative wallcoverings and painting. Under normal and frost free conditions this product will remain usable for up to two years if stored correctly and unopened.

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Akzo Nobel Decorative Coatings Ltd. is unable to guarantee results as it has no control over the conditions under which its products are applied.

For help or more information contact the Akzo Nobel Customer Advice Centre 0870 241 6457. Before using this product please ensure you have the latest information. The information is correct at date of issue July 2007.

