

HYDROBOND

The advanced technology of Sandtex Trade Hydrobond (involving EBS technology and a Hydro Pliolite® binder) means the coating offers protection from the elements whilst remaining moisture vapour permeable, allowing the substrate to breathe. On drying, the high quality masonry coating offers the ideal balance between durability and resistance to wind driven rain. In addition Sandtex Trade Hydrobond has anti carbonation properties, protecting concrete by providing a barrier against CO² and water.

AVAILABILITY

Colour range White, Magnolia and over 1400 lightfast tinted colours.

Packaging 5 litre.

PROPERTIES

Self priming.

Excellent colour retention.

Resistant to rain showers in 30 minutes.

Low dirt pick up.

Mineral like finish.

European Standard BS EN1062: Hydrobond gives a water liquid transmission of 0.8 in kg/m².h^{0.5} which puts it in the High class and a water vapour permeability of 25 in g/m².d which puts it in Medium class.

Drying time Under normal drying conditions recoatable after 12 hours.

Finish Matt.

Composition Pigment: Titanium Dioxide, light fast coloured pigments and extenders
Binder: Acrylic (ESB) polymer.
Solvent: Water.

Spreading rate up to 8m² per litre. On textured surface the spreading rate will be reduced.

Wet film thickness 125 micrometres @ 8m² per litre.

Dry film thickness 55 micrometres @ 8m² per litre.

Volume solids 44%

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. 61 g/l VOC.

Limitations Do not apply when there is a risk of rain, air or substrate temperatures are likely to fall below 5°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. Prime all surfaces to be painted with Sandtex Trade Hydrobond, thinned up to 20% by volume, with clean water.

Previously decorated surfaces

All surfaces must be sound, suitably dry and free from anything that will interfere with the adhesion of the materials 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 Sandtex Trade Fungicide. 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 or Exterior Easiplast and finish to match existing. Stabilise all bare, filled and previously decorated chalking areas with an application of Sandtex Trade Hydrobond thinned up to 10% by volume, with clean water. 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 New & unpainted surfaces - Apply one 'priming' coat followed by one full coat of Hydrobond. Previously painted surfaces – Apply two coats of Hydrobond.

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 Customer Relations Team. When preparing the surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask. Material Safety Data Sheets for this and all other Sandtex 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. Final results cannot be guaranteed by the manufacturer as it has no control over the conditions under which its products are applied.

For help or more information contact our Customer Relations Team on 0845 372 3425. Before using this product please ensure you have the latest information. The information is correct at date of issue Mar 2009.

Sandtex
TRADE

Sandtex Trade

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