

Alpha Aquafix



A colourless water-borne primer for interior use. Use as an impregnating/stabilising, primer for porous mineral surfaces such as brick/blockwork and plaster.

Alpha Aquafix is not suitable for use on non-porous substrates such as plastic and metal.

Properties

Composition	Acrylic resin dispersed in water.
Coating system	One coat to satisfy the absorption of the surface, but without leaving a surface film, prior to the application of finishes from the Alpha range.
Sheen level	Should leave no visible sheen. If a significant surface sheen is achieved, thorough flattening of the surface will be required.
Recommended application rate	6-7m ² /litre These figures are intended as a guide. The actual coverage will depend on a number of factors, including the surface texture and porosity, moisture content, method of application, and presence of other coatings.
Application methods	Brush, roller or airless spray.
Thinning dilution	Alpha Aquafix is supplied ready for use and does not require thinning.
Application conditions	Min. temp. 8°C Max. temp. 25°C Max. humidity 85%

Drying Time (@20°C/65%RH)	Touch dry : 1 hour Over-coatable after 8-10 hours
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Note: *Drying times are dependent upon absorption of substrate, temperature and relative humidity levels. At low temperatures and/or conditions of high relative humidity, drying periods will be extended.*

Volume Solids	Approximately 13% by volume.
Volatile Organic Compound	EU Limit value for this product (cat. A/h) : 50g/l (2007) / 30g/l (2010). This product contains max 30g/l VOC.

Colour Range	Colourless
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Packaging/Can Size	Alpha Aquafix is available in 10L containers.
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Preparation	General: Ensure the surface is suitably prepared, clean and dry, with dust, dirt, grease, poorly adhering coating, efflorescence and any other contaminant removed. When filling, be sure to use fillers specifically designed for use with the substrate in question, such as Kodrin BL , and allow to dry/cure fully before overcoating.
New surfaces	Alpha Aquafix is ideal for use on new surfaces which are highly porous or powdery. On surfaces which are stained or where discolouration is likely to be a problem, use Alpha Isoprimer .
Maintenance of existing coatings	Any loose, flaking coating should be removed* using a scraper and abrasive paper. Limewash or distemper should be removed completely by washing. Any other loose material should be removed using a stiff (non-metallic) bristle brush. Eradicate any mould and algal growth using a suitable fungicide/algicide. Wash surfaces with water and a mild detergent to achieve a clean surface. Rinse thoroughly and allow to dry completely. Surfaces that remain powdery after thorough preparation should be sealed with Alpha Aquafix , those which remain highly porous with Alpha Primer SF . Coatings in a poor condition should be removed completely, and the procedure followed for "New surfaces". *See also "Removal of existing coatings" and "Removal of lead paint" overleaf.

Product Application	Initial procedure: Ensure product is thoroughly stirred before and during application. Alpha Aquafix does not need to be thinned. For best results use a good quality synthetic-fibre brush or roller, specifically designed for the application of water-borne products.
Applying the product	Apply product in a full flowing coat to satisfy the absorption of the surface but without leaving a surface film. After applying one coat allow a minimum of 8-10 hours drying time before overcoating.
Cleaning equipment	Remove as much product as possible from brushes and other equipment immediately after use before cleaning with warm, soapy water, and then rinsing thoroughly with clean water. If spilled, Alpha Aquafix may be removed immediately while still wet, using warm, soapy water.
Storage	Reseal container after use and store tightly closed to prevent evaporation of the product and entry of air. Avoid including a greater proportion of air to the product. Please note that even if there is a higher proportion of product to air in the can, once opened, the shelf life of the product is unpredictable. Store in cool, dry, frost-free conditions.

General Information

Apply all products in accordance with BS 6150: 1991 and BS 8000 : Part 12 : 1989 (see Standards section).

Every care is taken to ensure that the information provided in this technical data sheet is accurate. **Akzo Nobel Decorative Coatings** are unable to guarantee results as we have no control over the conditions under which our products are applied.

For further advice and information contact the Technical Advice Centre on **0800 052 2121**. Before using this product ensure that you have the latest information available. The information above is correct at the date of issue.

Standards

Safety, Health and Environment

BS 6150: 1991 - Code of practice for painting of buildings

BS 8000 : Part 12 : 1989 - Workmanship on building sites. Code of practice for decorative wallcoverings and painting.

Removal of lead paint

It is the policy of **Akzo Nobel Decorative Coatings** to provide the highest standard of information and to this end, material safety data sheets covering every **Akzo Nobel Decorative Coatings** product are supplied to our customers and are freely available on request.

Special precautions should be taken during the preparation of pre-1960s paint surfaces as they may contain harmful lead. A guide on "How to remove old lead paint safely" is available via the British Coatings Federation Ltd. (Tel. 01372-360660).

Removal of coatings (general)

Treatments such as sanding and burning off, etc. of paint films may generate hazardous dust and/or fumes. Work in well ventilated areas. Use suitable personal (respiratory) protective equipment.

The safety phrases on the containers and material safety data sheets should be read before using this product.

Issue Date

January 2008

Substrate	Condition	Primer	or	Mist coat	Finish
NEW/BARE substrate – Sound					
Plaster	Sound	Alpha Primer SF	or	Alpha top coat, thinned up to 35%	Alpha top coat(s)
Plasterboard Lining or Paintable Paper	Sound	Alpha Primer SF	or	Alpha top coat, thinned up to 35%	Alpha top coat(s)
Brick/block work	Sound	Alpha Primer SF	or	Alpha top coat, thinned up to 35%	Alpha top coat(s)
UN SOUND SURFACES					
Dusty/ Powdery		Alpha Aquafix			As above
Salt efflorescence		Alpha Aquafix or Alpha Primer SF			As above
Porous/highly absorbent		Alpha Aquafix or Alpha Primer SF			As above
Stained/ discoloured		Alpha Isoprimer			As above
MAINTENANCE					
Oil based	Clean, provide key	None required	N/A		Alpha top coat(s)
Water-based (e.g. vinyl)	Thorough clean	None required	N/A		Alpha top coat(s)
Distemper/lime	Remove by washing	Alpha Aquafix	N/A		Alpha top coat(s)

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