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PRODUCT DATA SHEET

ARDEX A 826

Ultra-Fine Finishing Plaster

Features

- Ideal for ultra-fine skim coats
- One coat single application
- Paint in as little as 1 hour
- Sanding not required, can be sponge finished
- Excellent coverages – 27m² at 1mm
- Can also be used to fill joints between plasterboards on walls and ceilings
- Shrinkage compensated, will not crack or craze
- Brilliant White



Reg No. FM 1207

EMS 565427

QHS 628374

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ARDEX A 826

Ultra-Fine Finishing Plaster

DESCRIPTION

ARDEX A 826 is a brilliant white, rapid hardening, gypsum based ultra-fine plaster for the smoothing and finishing of interior wall and ceiling surfaces. ARDEX A 826 creates a true feather finish for walls and ceilings.

USE

ARDEX A 826 provides an ideal background for which to apply paint and wallpaper finishes. It is designed for the finishing of walls and ceilings on a wide range of backgrounds, ideal for creating an ultra-fine skim coat that can be painted in as little as one hour.

The ultra-fine formulation can achieve a true feather edge making it ideal for achieving a high quality, smooth finish. Great for achieving an ultra-smooth finish for walls in areas with downlights. It is tension free with a non-shrink formulation, and even at very thin bed depths the product creates a hard, crack free sound surface which is not affected by wallpaper adhesives, water or solvent based paints. ARDEX A 826 can be used on the following substrates:

- Plasterboard
- Pre-rendered walls
- Suitable concrete backgrounds
- Aerated concrete
- Lightweight blocks
- Construction boards

SUBSTRATE PREPARATION

Surfaces should be rigid, dry, clean and free from dust, grease and other barriers to adhesion. The product will adhere directly to absorbent construction boards, and cement or gypsum based plasters. Most absorbent surfaces do not require priming, a scratch coat of ARDEX A 826 is recommended.

Concrete or highly absorbent surfaces may require priming with ARDEX P 51 Concentrated Water-Based Primer and Bonding Agent. Dilute with 3 parts water to 1 part primer, apply with a brush and allow to dry.

Smooth and dense surfaces, such as varnished finishes, oil based paints and other non-absorbent finishes may require priming with ARDEX P 82 Water Dispersed Epoxy Primer or ARDEX P 4 Ready Mixed Rapid Drying Multi-Purpose Primer.

NOTE: When required, compatible primers should always be used. If in doubt perform a trial application.

MIXING

Gradually add 2 parts by volume of powder to 1 part by volume of clean water, while stirring and thoroughly mix until a lump-free consistency is achieved. The use of a drill and appropriate mixing paddle suitable for the volume being mixed is recommended. Mixing by hand is possible for small quantities. Allow the product to stand for approximately 2-3 minutes, to allow all of the high performance additives to fully dissolve and wet out, before remixing the product to a smooth creamy consistency.

The mixed product is easy to apply with a working time of approximately one hour.

APPLICATION

The unique hardening properties of ARDEX A 826 means entire walls can be smoothed and finished in one process, rather than stage-by-stage applications associated with traditional gypsum based plasters.

Apply with a trowel, blade or filling knife. Holes should be filled gradually from the edges to help avoid any air bubbles. Any imperfections should be removed with a damp sponge prior to drying, avoiding the need for sanding down. It is also possible to remove imperfections with a damp sponge and re-trowel to create a smooth finish. If preferred, the product can be sanded smooth when it has hardened to remove any imperfections, or alternatively a subsequent coat may be applied. Apply at temperatures above 5° C.

Depending on layer thickness, substrate porosity and ambient conditions, a 1mm application of ARDEX A 826 usually hardens to a crack free surface within 1-2 hours of application. Subsequent applications can be applied, if required, after surface hardening, and sanding down is possible with a suitable sand paper/mesh should it be a preferred. ARDEX A 826 can be used as a pore filler on plasterboards. An ultra-fine application to the entire plasterboard surface with a suitable steel trowel will create an incredibly smooth surface, eliminating blemishes in the plasterboards, perfect for paint application, where intensive light sources may fall across the wall/ceiling.

THICKNESSES

ARDEX A 826 can be applied from an ultra-fine feather edge up to 10mm. Decorative finishes such as paint or wallpaper, can be applied once the surface is dry.

DRYING TIMES

The drying time is dependent on application thickness and ambient conditions. Skim coats can be dry in as little as 1 hour. Thicknesses between 0-3mm can be painted after the surface is hard enough to sand down.

SUBSEQUENT TREATMENT

Priming the surface of ARDEX A 826 after application is almost always unnecessary. However, to avoid uneven drying of some paints over partial applications of ARDEX A 826, such as patch repairs, it may be necessary to prime these applications or the entire surface with ARDEX P 51 Concentrated Water-Based Primer and Bonding Agent. Dilute with 3 parts water to 1 part primer, apply with a brush and allow to dry.

NOTE: Even when ARDEX A 826 is applied in thin coats it produces a firm hard finish, which for the most part is not susceptible to water and solvents found in most paints, commercial adhesives used to bed wallcoverings or wallpaper pastes.

COVERAGE

Approximately 27m² @ 1mm thick

PACKAGING

ARDEX A 826 is packaged in paper sacks with a polyethylene lining – net weight 25kg.

STORAGE AND SHELF LIFE

This product must be stored in its original packaging, clear of the ground, in cool, dry conditions and protected from excessive temperatures. If stored correctly, the shelf life of this product is 12 months. Ensure part-used bags are resealed.

- Apply from feather edge to 10mm
- Conforms to EN 13963: 2014 Jointing Material for Gypsum Boards
- A1 in accordance with EN 13501-1

TECHNICAL DATA

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| Mixing ratio: | Approx. 16ltr water: 25kg powder is equivalent to approx. 1 vol. of water: 2 vol. of powder |
| Surface dry: | 1-2 hours |
| Fully dry: | dependent on thickness |
| Standing time: | 2-3 minutes |
| Working time: | approx. one hour |
| Maximum thickness: | 10mm |
| Bulk density: | approx. 0.8kg/ltr |
| Mortar weight when freshly mixed: | approx. 1.5kg/ltr |
| Ball Pressure Hardness: | approx. 8 N/mm ² after 28 days |
| Tensile Bending Strength: | approx. 4 N/mm ² after 28 days |
| pH value: | approx. 8 |

NOTE: The information supplied in our literature or given by our employees is based upon extensive experience and, together with that supplied by our agents or distributors, is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations.

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