Airless Finish Plaster Q4

Airless Finish Plaster Q4 is a factory produced finishing plaster designed for airless piston pump machine application, produced to DIN EN 15824. It is recommended for use over plasterboards, composite boards or fair faced concrete surfaces in a two coat application, onto taped and jointed drylining systems, or as a finishing coat. Applied 1-2mm (2mm is two coat application) thickness prior to decoration will produce a smooth flat finish to walls and ceilings.

- Ready to use, no mixing required
- Durable spray-applied finishing plaster
- Provides smooth flat finish to walls and ceilings
- Easy to level with minimal need for sanding
- Extremely smooth consistency

Field Of Application

A ready-mix plaster for use on internal walls and ceilings. It can be used as a direct finish coat onto smooth backgrounds such plasterboards, composite boards or fair faced concrete surfaces in a two coat application, onto taped and jointed drylining systems, or as a finishing coat.

Substrate

Substrates to be plastered should be examined for contamination, deterioration, surface roughness, suction and strength. Dust and contamination such as residues of concrete release agents, paint, other coatings, organic growth, salts and efflorescence should be removed prior to plastering. Salts and efflorescence should be removed by dry brushing (non-metallic bristles). Other special precautions may need to be taken if this removal is not achievable.

The line and flatness of the substrate should also be assessed to determine if the plaster can be applied to a uniform thickness or if dubbing out is required. The substrate should have a residual moisture content of < 3% and free of frost, with a temperature of +5 °C or above at the time of plastering.

Preparation

Airless Finish Plaster Q4 should only be applied to clean, stable surfaces. All substrates must be clean, sound and dust-free, as the plaster relies on a combination of suction and surface texture to achieve bond. The recommendations set out in EN 13914- 1:2005 and BS 5262:1991 should be followed. It is essential that all steps are taken to ensure that a satisfactory bond is achieved between the plaster and the substrate.

Instructions

Airless Finish Plaster Q4 can be applied using all suitable airless piston pump machines. On high absorbent or non absorbent substrates, it is essential to apply primer prior to plastering. Airless Finish Plaster Q4 can be applied using 0.027 Inch nozzle without diluting. The total thickness of the applied pass in one operation depends on the nozzle used (0.027 Inch up to 0.039 Inch). Airless Finish Plaster Q 4 may be diluted 1-2% with clean tap water if required. For application onto Gypsum or mineral plaster substrates, we recommend application in two coats. Apply the second coat as soon as the first coat is dry.

Application

During application the temperature must be between 5 - 30˚C. Bead out the application area with dryline system beading. Always maintain a wet edge when working in sections. Mix/Stir Airless Finish Plaster Q4 well using a stainless steel mixing tool before application. Ensure proper ventilation in order to eliminate air humidity and accelerate drying. Clean tools with warm water.

Practical Advice

We recommend the use of Causprim HB on concrete and smooth / non-absorbent substrates and Casuprim AS on highly absorbent substrates prior to the application of Airless Finish Plaster Q4. The use of tapered edge plasterboards will provide the best results. All joints should be filled using joint filler and joint tape. Screw head holes should be filled using joint filler.

Storage

6 months in dry protected, complelety frost-free conditions.

Disposal Considerations

Specialised companies are to neutralize waste and single-use packaging, and the method of waste disposal is to be arranged with the local environmental protection department. Store residue in original containers. Dispose of according to applicable regulations. Empty packaging is to be disposed of according to applicable regulations or delivered to the appropriate landfill. Ordinance of the Minister of Environment of 27 September 2001 on the waste catalogue (Journal of Laws No. 112, item 1206). Waste codes : 08 04 99 - other, unlisted waste, 15 01 02 - plastic packaging, Council Directive No. 75/442/EEC on waste, Council Directive No. 91/689/EEC on hazardous waste, Commission Decision No. 2000/532/EC of 3 May 2000 establishing a list of wastes, OJ L 226/3 of 6 September 2000, with amending decisions.

The information, and, in particular, the recommendations relating to the application and end-use of SMET distributed products, are given in good faith based on SMET's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the manufacturer's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Safety

Use goggles, gloves and protecting cream. Avoid prolonged contact with skin. Avoid inhaling the dust. Wash affected area with warm water and soap. Wash eyes thoroughly and consult a physician. Do not ingest. See PET Health and Safety Data Sheet for further information.

R Phrases

R20 - Harmful by inhalation.

R21 - Harmful in contact with skin.

R22 - Harmful if swallowed.

R23/25 - Toxic by inhalation and if swallowed.

R34 - Causes burns.

R36/38 - Irritating to eyes and skin.

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

R43 - May cause sensitisation by skin contact.

R50 - Very toxic to aquatic organisms.

R61 - May cause harm to the unborn child.

R62 - Possible risk of impaired fertility.

R68 - Possible risk of irreversible effects.

H Phrases

H301 - Toxic if swallowed.

H302 - Harmful if swallowed.

H312 - Harmful in contact with skin.

H314 - Causes severe skin burns and eye damage.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage.

H319 - Causes serious eye irritation.

H331 - Toxic if inhaled.

H332 - Harmful if inhaled.

H341 - Suspected of causing genetic defects.

H360Df - May damage the unborn child. Suspected of damaging fertility.

H400 - Very toxic to aquatic life.

Technical Information

Density	**1.85 +/- 5 g/m³**	**PN-EN ISO 2811-2002**
Capillary effect - Water absorbtion coefficient Lambda kg/m²/h 0.5	**> 0.5**	**PN-97/B-10106**
Adhesion	**Concrete: > 0.5 (dry) > 0.4 (wet)** **CT plaster: > 0.4 (dry) > 0.3 wet** **Plaster Board: > 0.1**	**PN-85/B-04500**
Consumption	**Cement-lime Plaster -1kg /1m2** **Gypsum plaster - 0,67 kg /1 m²** **Plasterboards - 0.5 kg /1 m²**	

CE

PET Handels GmbH
Solarstraße 16, 4653 Eberstalzell
Tel.: 07241 28 3 28
Fax: 07241 28 3 28-20

EN 15824: 2009
Internal plaster based on organic binders
Plastering of ceilings and walls within buildings

Reaction to fire	**A1**
Hygiene Health & Environmental Protection	**NPD**
Safety and Barrier Freedom in use	**NPD**
Sound Protection	**NPD**
Energy Saving and thermal insulation	**NPD**
Sustainable use of natural resources	**NPD**

NPD: Properties not determined as they are not relevant (No Performance Determined)

Smet Building Products Limited
28 Castleowen | Newry | Co. Down | BT34 1GF | UK
T: +44 (0)28 3082 5970 F: +44 (0)28 3025 2777
E: info@smetbuildingproducts.com