

Planospray S3 - Airless Finish Plaster

Airless Finish Plaster 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 0.5-3mm 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 as 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 be free of frost with a temperature of +5 °C or above at the time of plastering.

Preparation

Airless Finish Plaster 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 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 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 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 - 35°C. Bead out the application area with dryline system beading. Always maintain a wet edge when working in sections. Mix Airless Finish Plaster 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. The use of tapered edge plasterboards will provide the best results. All joints should be filled using joint filler and joint tape. Screwhead holes should be filled using joint filler.

Storage

12 months in dry protected, completely frost-free conditions.

Disposal Considerations

13.1 Waste treatment methods. Recommendation: Smaller quantities can be disposed of with household waste. Uncleaned packaging: Recommendation: Disposal must be made according to official regulations. Do not allow product to reach sewage system or any water course.


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Safety

Classification of the substance or mixture. Classification according to Regulation (EC) No 1272/2008. The product is not classified according to the CLP regulation. Use goggles, gloves and 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. All standard precautions for the handling of construction materials/chemicals must be taken. See CASEA Health and Safety Data Sheet for further detailed information.

Technical Information

Standard	DIN EN 15824
Hardening Drying time	12-24 hours depending on ambient conditions.
Application Temperature	+5°C - +35 °C
Dry Hardened Density	approx. 1.6 kg/dm³
Yield	approx. 1.6 kg/m² per 1 mm thickness
Max. Thickness	3 mm
Adhesion	≥ 0.3 N/mm²
Packaging	25kg bags, buckets, or big bags

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Reaction to fire	B s1,d0
Adhesion	≥ 0.3 MPa
Thermal conductivity	NPD
W0 Durability	NPD
Dangerous Substances	NPD

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

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