

HYDROSTOP ACRYLIC PLASTER FINE



Waterproof acrylic top coat plaster/render in paste form, fine finish



PROPERTIES

Ready for use white or colored, acrylic plaster in paste form. Available in two grain sizes, 1mm and 1.5mm and contains specially graded aggregates of excellent quality that make it suitable for yielding smooth finish surface (pic.2). The product is resistant to UV radiation and the creation of mold, algae and fungi on its surface. Reduces the possibility of erosion of the walls and the structure of the building from the effects of CO₂ (carbon dioxide) and other problems resulting from exposure to the exterior environment. Suitable for interior and exterior use. Classified as external render and internal plaster based on organic binders, per EN 15824.

ADVANTAGES

- Complete water repellency, per EN 1062-3.
- Excellent adhesion, high flexibility, resistance to UV radiation.
- Resistant to alkalis, per DIN 18556.
- Does not crack, does not peel off.
- Eliminates the need for painting building facades.

- Provides full water protection and life duration of facades.
- High mechanical strengths, ease and speed of application.

APPLICATIONS

HYDROSTOP ACRYLIC PLASTER FINE is used as render/top coat instead of marble based plaster(s). Indoors, it can also be used as a decorative coating. The product can be applied by hand or by plastering machine. It can be applied to all primed building materials such as plaster, concrete, gypsum board, cement board, aircrete, on walls and ceilings etc. The product meets the requirements of ETAG 004 for external thermal insulation system for buildings, as render/top coat of the system.

USE

1. Surface preparation

The substrate has to be dry and free of dust, oils and loose materials. Continue by priming with the special purpose silicone primer HY-

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DROSTOP SILICONE PRIMER or the micromolar stabilizer AQUAFIX of DUROSTICK. Smooth or non-absorbent surfaces are primed using DS-290, DS-260 and DS-255 (quartz primers) of DUROSTICK. Apply HYDROSTOP ACRYLIC PLASTER FINE after the applied primer has completely dried.

2. Application

After establishing that the substrate is satisfactory, sound and flat, stir the acrylic plaster well using a low-rpm drill before any application. Apply the product using a smooth stainless or plastic trowel. The product can also be applied using a plastering machine. Continue by smoothing the applied paste to the thickness of the maximum grain size. Smooth by 'pressing' in circular motions using a plastic float for plasters, always depending on the desired aesthetic result required. The precise working time depends on the absorbency of the substrate and the ambient temperature; between 10 to 20 minutes from the moment the product sets and before the applied coat is dry.

NOTES

- Colored in 44 exceptional color chart colors and delivered factory colored.
- Color uniformity can be achieved only if the product comes from the same production batch. If products from different batches are used, it is highly recommended to mix them together thoroughly prior to the application.
- Avoid applying the product when the surface is exposed to direct sunlight or strong winds or when there is a possibility of rain in the following hours. Intense temperature, high humidity, and the substrate can all affect the final color.

CLEANING

Clean all tools and equipment with water, immediately after use.

CONSUMPTION

Hydrostop Acrylic Plaster Fine 1.0mm:
1.8-2.0kg/m²/mm.

Hydrostop Acrylic Plaster Fine 1.5mm:
2.0-2.3kg/m²/1.5mm.

STORAGE

Store in places protected from sunlight and frost, for at least 12 months from production date.

SAFETY DIRECTIONS

The product needs no hazard labeling based on current European and National legislation. However, it is recommended to keep away from the reach of children. If swallowed, seek immediate medical advice and show the container or label.

PACKAGING

25kg container on a 600kg pallet (24 pcs)

TECHNICAL SPECIFICATIONS (<i>Measurement conditions 23°C and 50% R.H.</i>)	
Form-Colors	Acrylic white paste - 44 colors based on the HYDROSTOP SILICONE PLASTER color chart
Bulk density	1.90±0.05kg/lt
Maximum grain size	FINE 1.0mm & 1.5mm
Water vapour permeability	V2 (EN ISO 7783 - 2, V2: Medium 0.14 ≤ Sd < 1.4m)
Water absorption	W3 (EN 1062 - 3, W3: Low w ≤ 0.1kg/m ² .h0.5)
Adhesion strength	0.4 MPa (EN 1542)
Thermal conductivity	λ = 0.8 W/(m . K) (EN 1745)
Reaction to fire, per EN 13501-1	Euroclass C
Cure time	4-6 hours (at 23°C and 50% relative humidity)
Application temperature	From +5°C to +35°C.
V.O.C. (Volatile Organic Compounds): Limit of maximum V.O.C. content EC (Directive 2004/42/EC) for this product (category A/c: 'Coatings for exterior walls of mineral substrate', Type WB): 40gr/lt (2010). The ready to use product contains max 39gr/lt V.O.C.	

The technical specifications and directions of use contained in this technical brochure are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.

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NAME	CODE ACRYLIC	CODE SILICONE	COLOR
ZEUS	HAP01	HSP01	
ATHENA	HAP02	HSP02	
ORPHEUS	HAP03	HSP03	
HARIS	HAP04	HSP04	
NIOBE	HAP05	HSP05	
PHAETHON	HAP06	HSP06	
DIONE	HAP07	HSP07	
APOLLO	HAP08	HSP08	
DIMITRA	HAP09	HSP09	
TRITON	HAP10	HSP10	
ANTIOPE	HAP11	HSP11	
ZEPHYRUS	HAP12	HSP12	
SEMELE	HAP13	HSP13	
NIREUS	HAP14	HSP14	
MELANTHE	HAP15	HSP15	
CRONUS	HAP16	HSP16	
ARIADNE	HAP17	HSP17	
DIONYSUS	HAP18	HSP18	
CALYPSO	HAP19	HSP19	
DAEDALUS	HAP20	HSP20	
EOS	HAP21	HSP21	
HERMES	HAP22	HSP22	

NAME	CODE ACRYLIC	CODE SILICONE	COLOR
THEMIS	HAP23	HSP23	
HYPERION	HAP24	HSP24	
ELECTRA	HAP25	HSP25	
ORION	HAP26	HSP26	
HELIKE	HAP27	HSP27	
MELITUS	HAP28	HSP28	
CLIO	HAP29	HSP29	
HEPHAESTUS	HAP30	HSP30	
HERA	HAP31	HSP31	
PERSEUS	HAP32	HSP32	
AEOLUS	HAP33	HSP33	
ARTEMIS	HAP34	HSP34	
ICARUS	HAP35	HSP35	
THETIS	HAP36	HSP36	
PROTEUS	HAP37	HSP37	
RHEA	HAP38	HSP38	
POSEIDON	HAP39	HSP39	
PHOEBE	HAP40	HSP40	
HERCULES	HAP41	HSP41	
URANUS	HAP42	HSP42	
AMPHITRITE	HAP43	HSP43	
TITAN	HAP44	HSP44	



DUROSTICK S.A.

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