

ACRYLSHIELD

D034 **ANTI-CARBONATION, ANTI-MOLD QUARTZ PAINT FOR OUTDOOR**



DESCRIPTION

ACRYLSHIELD is a smooth wall coating based on acrylic copolymers in aqueous emulsion, selected colourant pigments and fine quartz fillers.

ACRYLSHIELD is a product for outdoor use with high adhesive strength and good elasticity.

ACRYLSHIELD is easy to apply, and has excellent hiding and filling power that allow masking of small surface imperfections. It is highly resistant to the weather elements, alkali, smog and light.

ACRYLSHIELD has excellent anti-algae, anti-mold and anti-moss properties.

SURFACE PREPARATION

General recommendation is to apply on clean and well-seasoned surfaces, dust- oil- and humidity-free. Surface with irregularities and cracks must be repaired and smoothed.

| SURFACE | PREPARATION TIPS |
|--|-----------------------------|
| Plaster | 1 coat of DOC PRIMER |
| Precast concrete | 1 coat of DOC PRIMER |
| Concrete | 1 coat of DOC PRIMER |
| Mineral based mortar | 1 coat of DOC PRIMER |
| Acrylic plasters and coatings | 1 coat of DOC PRIMER |
| Mineral or synthetic water-based paint | 1 coat of DOC PRIMER |
| Fibre reinforced plaster | 1 coat of DOC PRIMER |
| Fibre Cement | 1 coat of DOC PRIMER |

APPLICATION

FIRST COAT

Apply adequately diluted **ACRYLSHIELD** with brush, roller or spray.

SECOND COAT

Allow at least 12 hours for the first coat to dry. Once the first coat is completely dry, apply the second coat.

After applying the second coat, protect the area from rain, frost, fog, dew and dust for at least 24-36 hours.

ENVIRONMENTAL CONDITIONS

During application, the environmental temperature has to be between +5°C and +40°C (+40°F and +104°F) while relative humidity has to be less than 85%.

STORAGE

ACRYLSHIELD maintains its properties in storage for 12 months if protected from excessive heat and cold. Storage temperature must be between +5°C and +40°C. **KEEP FROM FREEZING.** Do not store product diluted with water.

SAFETY GUIDELINES

Avoid contact with skin and eyes. If contact occurs, rinse thoroughly with water. For further information, consult the MSDS.

DISPOSAL

The material has to be disposed in agreement with local regulation. Empty plastic containers are recyclable or to be sent to recycling plants.

ACRYLSHIELD TECHNICAL TABLE

| | |
|----------------------------------|---|
| Aspect | Smooth matt |
| Colour | white |
| Packaging | 5l, 14l |
| Application tools | Brush, roller, spray |
| Dilution with water | By Brush: 20% to 35% By Roller: 10% to 20% By Spray: 25% to 35% |
| Density | 1.43 ± 0.05 Kg/l |
| Theoretical yield | approx. 9-11 m ² /l in one coat (application by brush) |
| Dry volumetric residue | 55% ± 2 |
| Touch dry | 4-5 hours at 25°C temperature |
| Dry to handle | 18-24 hours at 25°C temperature |
| Dry to recoat | 5-6 hours at 25°C temperature |
| Water permeability EN ISO 7783-2 | V2 (SD < 0,375 m) |
| Water absorption EN 1062-3 | W2 (w ≤ 0,395[kg/(m ² ·h0,5)]) |
| Durability EN13687-3 | Conforme (≥ 0,3 MPa) |
| Thermal conductivity EN1745 | 0,629 W/m·K |
| Fire reaction EN13501-1 | C Class |
| HS CODE | 3209.10.0000 |

The information provided is based on our experience and technical and scientific knowledge; nonetheless, we may not be held liable for the results obtained using these products, as application conditions are beyond our control. It is recommended to always make sure that the product is suited to each specific use.

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