

FASADEX SILICATE PAINT

Fasadex®



PRODUCT DESCRIPTION

Facade paint based on potassium water glass and aqueous dispersion of acrylic copolymer.

APPLICATION AREA

Protection and decoration of exterior and interior wall surfaces made of old and new mineral renders; renovation of old facade substrates made of silicate paints and plasters. Synthetic resin plasters and paints, and gypsum substrates are not suitable for applying FASADEX SILICATE PAINT. Because of its high water vapor permeability and mat surface, it is suitable for protection of old monumental objects.

PROPERTIES

- good adhesion (chemically bonding to the substrate);
- it is highly water vapor-permeable
- resistant to weathering and harmful industrial atmosphere
- low propensity to dirt- pick up and dust accumulation

DENSITY

1380-1480 kg/m³

APPLICATION TEMPERATURE

+8 °C to +35 °C

TINTING

At the sales points (CHROMOMIX SYSTEM) in a wide range of pastel natural earth tones from the FASADEX EXTERIOR 100 and EXTERIOR COLOR COLLECTION colour charts. Intense, deep tones can not be obtained in FASADEX SILICATE PAINT.

TECHNICAL DATA:

Permeability / Relative resistance to water vapour diffusion, s_D -value (EN ISO 7783-2):

0,05 m, Class I (high water vapor permeability)

Capillary water absorption / capillary water vapour coefficient, w (EN 1062-3):

0,10 kg/m²h^{0,5}, Class III (low capillary water absorption)

EU VOC CATEGORY AND LIMITS

IIA (c), 40 g / l (2010); the product contains max. 40 g / l

THINNING

With 5-10% of pure water or with 10% of FASADEX SILICATE IMPREGNATION.

Last update: April 2021.

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SUBSTRATE QUALITY/ PREPARATION

Remove loose parts, old peeling coatings, old coats of lime paints, oil and grease from the substrate. The substrate mortar must be hardened, dry and completely carbonated. The substrate must be well insulated from moisture penetration.

Before applying FASADEX SILICATE PAINT, the substrate must be impregnated with FASADEX SILICATE IMPREGNATION and let it dry for at least 24 hours.

APPLICATION METHOD

Before applying stir the paint well. Dilute with 5-10% of pure water or FASADEX SILICATE IMPREGNATION. Apply with brush or fur coat in two layers. Spread the paint uniformly, avoiding dry overlapping of the painted areas.

Do not apply FASADEX SILICATE PAINT on rain, fog or strong wind. On sunny weather, the façade should be shaded to avoid uneven evaporation.

Before the application, it is necessary to protect glass, window frames and metal objects.

Wear suitable protective gloves and face/eyes mask.

DRYING

The interlayer interval is min. 12 hours at normal conditions.

CONSUMPTION

0.20 - 0.25 l / m² (4-5 m² / l) in two layers. The consumption depends on the roughness and absorptiveness of the substrate.

PACKAGING

5 and 15 l.

STORAGE

In dry and airy rooms at a temperature of + 5 °C to + 25 °C.

Durability: 18 months.

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