

# SPEKTRA silicone impregnation

## USE

Basic coating for the impregnation of lime and lime-cement surfaces before the painting with **SPEKTRA silicone facade paint**.

## CHARACTERISTICS

- Water thinnable, health and environmental friendly product
- Penetrates deep into the substrate
- Unifies and reduces the substrate permeability
- Strengthens badly bound and chalked old coatings
- Improves the adhesion of new coatings
- Reduces the consumption of top coats
- Maintains vapour permeability of the surface

## TECHNICAL DATA

PRODUCT TYPE	water dispersion based on silicone binder
COLOUR SHADES	colourless
DENSITY	1,0 – 1,1 kg/l
THINNING	with water 1 : 1
EU VOC category and limits	IIA(h), 30 g/l (2010); the product contains: max. 10 g/l
PACKAGING	5 l
SHELF LIFE	The shelf life of the originally closed and suitably packed product (temperature from +5°C to +35°C, in dry place) is until the date indicated on packaging. IT SHOULD NOT FREEZE

## INSTRUCTIONS FOR USE

APPLICATION	roller, brush, spraying
WORKING CONDITIONS	Temperature of paint, air and surface min. + 8°C.
DRYING (T = +20 °C, rel humidity 65%)	dry and suitable for recoat after 12 hours
COVERAGE	Theoretically: 10 – 12 m <sup>2</sup> with 1 l in 1 coat Practical coverage depending on permeability and surface roughness.
CLEANING OF TOOLS	immediately after use with water

## SURFACE PREPARATION

Remove crumbly old coatings, powder and other impurities from the surface. In case of the wet cleaning of impurities, the surface should thoroughly dry before the impregnation.

Fill up bigger cracks and damaged surface spots with a sealing compound on the mineral basis.

### Exterior surfaces

#### New plasters

Depending on the season and temperatures, new plasters should dry 2 – 4 weeks before the further treatment. Before the first painting, always use impregnation in order to equalize the permeability of the substrate.

#### Old plasters

Dirty, crumbly and chalked plasters should completely be cleaned with brushing and/or washing irrespective of their state (under pressure – max. 60 bar).

#### Old coatings on the basis of dispersion paints

Clean dirty and chalked coatings with washing or otherwise. Remove crumbly coatings to the firm surface. In case of the wet cleaning and/or removal of the old coatings the surface should thoroughly dry before further treatment.

## REMARKS

- At lower temperatures and higher air humidity, drying time will prolong.
- Before the impregnation apply **SPEKTRA biocide agent SANITOL** to surfaces, which are attacked with mould or algae. After the surfaces have dried, remove mould mechanically.
- Remove saltpetre with brushing and impregnate the surface with **SPEKTRA deep impregnation**.
- If the substrate is worse permeable, impregnation can not penetrate into it, consequently a smooth, shiny film is formed on the substrate, representing a separation layer before the paint application. The consequence is a bad adhesion of the final coating. Impermeable surfaces should be slightly sanded before the impregnation.