



## SPEKTRA syloxane facade paint

### USE

For the protection and decoration of facades and all other exterior mineral wall surfaces.

It is suitable for the painting of all types of mineral and dispersion plasters, fibre cement and wooden cement plates and for covering of the old dispersion coatings.

### CHARACTERISTICS

- Water-thinnable, health and environment friendly paint
- Resistance to weather influences and harmful industrial atmosphere
- High water repulsion and vapour permeability
- Resistance to wet rubbing

TECHNICAL DATA	
COMPOSITION	silicone emulsion and acrylate copolymer, pigment, fillers and special additives in water
COLOUR SHADES	white and several thousands of colour shades according to colour cards <b>HELIOMIX</b>
TINTING	possible with pigment pastes, which are suitable for water-based paints, from 3 – 5 % <b>HELIOMIX</b>
DENSITY	1,48 – 1,53 kg/l
WATER ABSORPTION W <sub>24</sub>	/
VAPOUR PERMEABILITY S <sub>d</sub>	/
GLOSS	EN 13300 – matt
THINNING	with water 5 % to 10 %
EU VOC category and limits	IIA(c), 40 g/l (2010); the product contains: max. 40 g/l
PACKAGING UNITS	<b>HELIOMIX</b> : 2 l, 10 l
SHELF LIFE	The shelf life of the originally sealed and suitably packed product (at a temperature of +5°C to +35°C, dry room) is at least until the date indicated on the packaging. IT SHOULD NOT FREEZE!

INSTRUCTIONS FOR USE	
APPLICATION	roller, brush, spraying
WORKING CONDITIONS	temperature of paint, air and substrate minimum +5°C
DRYING (T = +20°C, rel.humidity 65%)	dry and suitable for next coat after 10 – 12 hours
COVERAGE	theoretically: in two coat application 4 – 5 m <sup>2</sup> with 1l The practical coverage and usage depends on the adhesion and surface roughness.
CLEANING OF TOOLS	immediately after use with water

### SURFACE PREPARATION

Remove powder and impurities from the surface. We recommend washing with water under pressure or with vapour. Old coats, which fall off should be removed to the firm surface. Smoothen the rough and uneven surfaces with the material having a similar composition as the surface itself (mortar or cement mortar) and let it dry thoroughly (each cm of a new plaster dries 7 – 9 days at the normal weather conditions). On old facades from mineral plasters, all crumbly parts should be removed mechanically and substituted with new ones.

Prior to renovation of the already painted surfaces we have to check the suitability, firmness and adhesion of the old coatings. Prior to painting the surface should be dry and cured.

Do not apply **SPEKTRA syloxane facade paint** in rain, fog, windy weather. In a sunny weather you have to shade the facade in order to prevent an uneven drying, as this affects the coating quality.

Apply **SPEKTRA biocide agent SANITOL** to surfaces, which are attacked with mould and algae. After the walls are dry, remove mould mechanically. The procedure may be repeated for several times, depending of the intensity of attack. Add **SPEKTRA protection against mould** to paint, which for a longer period prevents the growth of microorganisms.

Remove salpêtre with a brushing and impregnate surface with **SPEKTRA deep impregnation**.



## COATING SYSTEMS

In the table below stated systems are the cases of possible preparation and protection of different surfaces. Before use of an individual system, a thorough check of an object is needed and possibly the test of a proposed protection.

SURFACE	SURFACE PREPARATION	IMPREGNATION	FINAL COAT
<u>Lime-cement plasters</u> - new - old, not chalked  - old, strong chalked  <u>Dispersion plasters</u> - new - old	if necessary cleaning, removal of crumbly particles, repair of damaged spots	1x <b>SPEKTRA acrylic impregnation</b> or 1x <b>SPEKTRA silicone impregnation</b>	2x <b>SPEKTRA syloxane facade paint</b>
<b>Concrete, fibre cement and other not porous surfaces</b>		1x <b>SPEKTRA deep impregnation</b>	
<b>Surface painted with dispersion paints</b>		1x <b>SPEKTRA acrylic impregnation</b> or 1x <b>SPEKTRA silicone impregnation</b>	

## REMARKS AND SPECIFICS

- Mix paint thoroughly before use.
- If you thin paint more than recommended, the coverage of a coating diminishes.
- The drying time will prolong at the lower temperatures and higher air humidity.
- The coverage of **SPEKTRA syloxane facade paint** in lively red, yellow, orange, bordeaux and green colors is worse, therefore 2 coats are not sufficient. We recommend to apply one coat of the coloured base coat prior to application of paint in a selected color (2 – 3 coats). For a nice coat appearance an exact application is needed.
- The dampness of new (fresh) plasters may be maximum 1,5 %. In case of colour shades based on organic pigments, which are not alkalyne stable, the colour film may be damaged at the increased dampness.
- At the selection of a colour shade we recommend lighter colour shades (Monicolor F – J) due to longer stability of a colour film. The surfaces, which are painted with intensive colour shades are heated much more than those painted with lighter colours, therefore the coat and surface may be damaged within time.