

SPEKTRA Facade Acryl

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, concrete and covering of old dispersion coats.

CHARACTERISTICS

- water thinnable - health and environment friendly paint
- resistant to weather influences and to harmful industrial atmosphere
- low water uptake
- resistant to wet rubbing

TECHNICAL DATA

PRODUCT TYPE	styrene-acrylic copolymer, pigments, fillers and special additives in water
COLOUR SHADES	white, HGMIX
TINTING	possible with colourants, which are suitable for water-based paints (3 to 5%) and with dispersion paints, suitable for tinting; HGMIX
DENSITY	1,38 – 1,49 kg/l
WATER ABSORPTION W_{24} (EN 1062-3:2008)	0,052±0,002 kg/m ² h ^{0.5} (class W ₃ , low water uptake)
WATER VAPOUR PERMEABILITY s_d (EN ISO 7783:2012)	0,57±0,04 m (class V ₂ , medium water vapour permeability)
THINNING	with water 5% to 10%
EU VOC category and limits	IIA(c), 40 g/l (2010); the product contains: max. 17 g/l
PACKAGING	HGMIX : 2 l, 5 l, 10 l and 15 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	min. +5 °C air, surface and paint
DRYING (T= +20 °C, rel. hum. 65%)	The coating is dry and suitable for overcoating after 6 – 10 hours.
COVERAGE	3 – 4 m ² with 1 l (two coats), depending on permeability and surface roughness.
CLEANING OF TOOLS	immediately after use with water

SURFACE PREPARATION

The surface should be free from dust and impurities. We recommend washing with water under pressure or vapour. Remove old crumbly coats to the firm surface. Polish rough and uneven surfaces with the material, having the same composition as the surface itself (mortar or cement mortar), let dry thoroughly (for each cm thickness of a new plaster, drying time is 7 – 9 days at the normal weather conditions). Remove crumbly particles of old facades on lime plaster mechanically and renew.

Before painting (renovation) of the already painted surfaces, old coats should be checked for suitability, firmness and adhesion.

Prior to painting, the surface should be dry and firm.

Do not apply **SPEKTRA Façade Acryl** in rain, fog, strong wind. In sun the facade should be shaded in order to avoid uneven drying, influencing the coating quality.

Apply biocide agent **SPEKTRA 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 Anti Mould** to paint, which for a longer period prevents the growth of microorganisms.

Remove saltpeter with a brush and impregnate the surface with **SPEKTRA deep impregnation**.

COATING SYSTEMS

In the table below, the stated systems are the examples of the possible preparation and protection of different surfaces. Before the application of a definite system, the facility or object should be checked thoroughly and estimated, if possible, the proposed protection should be tested on the surface.

SURFACE	SURFACE PREPARATION	IMPREGNATION	TOP COAT
Lime-cement plasters - new - old		1x SPEKTRA Impregnation Acryl Special or 1x SPEKTRA Impregnation Acryl	
Dispersion plasters - new - old	if necessary, cleaning, removal of crumbly particles, repair of damaged spots	1x SPEKTRA Impregnation Acryl Special or 1x SPEKTRA Impregnation Acryl	2-3x SPEKTRA Façade Acryl
Concrete, fibre-cement and other not porous substrates		1x SPEKTRA deep impregnation	
Surface, painted with dispersion paints		1x SPEKTRA Impregnation Acryl Special or 1x SPEKTRA Impregnation Acryl	

REMARKS

- Mix paint thoroughly before use.
- If you thin paint more than recommended, the coverage decreases.
- Drying time increases at low temperatures and higher air humidity.
- The coverage of **SPEKTRA Façade Acryl** in live red, yellow, orange, bordeaux and green colour shades is worse, therefore two coats are not sufficient. We recommend the application of one coloured primer prior to the application of paint in a desired colour shade (2 – 3 coats). The exact application is the prerequisite for a nice coating appearance.
- 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 ($Y > 25$) 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.
- Depending on exposure to UV and weathering, more intense and cleaner colour shades prepared with pigment concentrates based on organic pigments (yellow, orange, red, burgundy, purple, bright green), fade faster. There may even be a change in the original shade after a few years. We therefore recommend choosing colour shades based on inorganic pigments, which are UV and weather-stable.
- We do not accept complaints about changes in the appearance of a shade due to fading. We therefore recommend consulting our technical service before choosing a shade.