SPEKTRA Latex Semi-matt

USE

For the protection and decoration of high-wear interior wall surfaces in the halls, corridors, staircases (hospitals, kindergartens, schools etc.).
It is suitable for the painting of different types of mineral plasters, fibre-cement plates, concrete, plaster-cardboard plates, wall papers from glass fibres, wall papers with relief and old coatings.

CHARACTERISTICS

- semi-matt coating appearance
- high washability
- contains no solvents
- easy cleaning
- resistance to chemicals and disinfectants
- wide selection of colour shades – **HGMIX**

TECHNICAL DATA

PRODUCT TYPE	styrene acrylate dispersion, pigments, fillers and special additives
COLOUR SHADES	white, **HGMIX** (pastel shades)
TINTING	possible with pigment colourants, which are suitable for water-based paints (up to 3 %) and with dispersion paints, suitable for tinting; **HGMIX**
GLOSS (EN 13300)	semi-matt
DENSITY	1,30–1,33 kg/l
WASHABILITY (EN 13300)	class 1
WATER VAPOUR PERMEABILITY s_d (EN ISO 7783:2012)	0,36±0,002 m (class V_2, medium permeability)
THINNING	with water up to 10 % (roller, brush); up to 5 % (airless, high-pressure spraying)
EU VOC category and limits	IIA(a), 30 g/l (2010); the product contains: max. 5 g/l
PACKAGING	2 l and 10 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 (microfibre, 9 mm), brush, spraying (airless, high-pressure, 515/100 bar)
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 4–6 hours.
COVERAGE	Theoretically: 7–9 m^2 with 1 l in 2 coats. Practical consumption depending on permeability and surface roughness.
CLEANING OF TOOLS	immediately after use with water

SURFACE PREPARATION

The surface should be free from dust, crumbly particles and other impurities. Remove old falling off coats. Fill up bigger cracks and damaged surface with adequate materials on the mineral basis. Afterwards impregnate with **SPEKTRA Impregnation Acryl Special / SPEKTRA Impregnation Acryl.** Prior to painting, the surface should be dry and firm.
Apply **SPEKTRA Sanitol** to wall surfaces**,** which are attacked by mould and algae. After the surfaces have dried, remove mould mechanically. Add **SPEKTRA Anti Mould** to paint, which for the longer period prevents the growth of microorganisms**.**
Block the water-soluble spots of nicotine, water outflow, tar, water-proof pencils… with **SPEKTRA Stain Block Grund** or with **SPEKTRA ANTINICOTINE PAINT,** which already represents the final coating.
Clean non-crack healthy surfaces, which are painted with smooth, shiny or semi-shiny enamels or dispersion paints and sand them with the sanding paper (No. 150).

COATING SYSTEMS

SURFACE	SURFACE PREPARATION	IMPREGNATION	PUTTYING	TOP COAT
New not painted surface				
- lime-cement plasters - plaster-cardboard plates		1x **SPEKTRA Impregnation Acryl Special/ SPEKTRA Impregnation Acryl**	2x **SPEKTRA Level Fine**	
- concrete and other not porous substrates		1x **SPEKTRA deep impregnation**		2x **SPEKTRA Latex Semi-matt**
Painted with dispersion paints				

- several layers of
  permeable, not
  washable coatings
	cleaning, removal of crumbly particles, repair of damaged spots	1x **SPEKTRA Impregnation Acryl Special / SPEKTRA Impregnation Acryl**	2x **SPEKTRA Level Fine**	

- smooth, shiny, washable coatings	cleaning, polishing			

REMARKS

- Mix paint thoroughly before use.
- Drying time increases at low temperatures and higher air humidity.
- If you thin paint with larger quantity of water than prescribed, the hiding power of the paint film decreases accordingly.
- The final film appearance depends on surface. The smooth film appearance can be obtained on the smooth wall surfaces; therefore we recommend levelling with **SPEKTRA Level Fine** (two layers with an intermediate and final sanding).
- Prior to use test the resistance of a coating to the chosen cleaner or disinfectant on a less visible part of the wall surface.
- Cleanability of the coating depends on the degree of gloss and improves with a higher gloss. You can clean the stains with a soft cloth and mild non-abrasive cleaners.