

SPEKTRA ACTIVE AIR

AREA OF APPLICATION

Innovative interior wall paint, which breaks down formaldehyde in the air. Formaldehyde is one of the largest and most concerning pollutants in a space due to its many sources of origin. It is an extremely harmful carcinogen found in furniture, wallpaper, curtains, wooden linings and other household fabrics, as well as in certain cleaning products.

The paint is intended for the protection and decoration of wall and ceiling surfaces in apartments and public buildings. Thanks to its extraordinary air-purifying function, it is especially suitable for kindergartens, schools, health institutions, retirement homes and all spaces where people stay often or for a long time.

It is suitable for painting all types of mineral plasters, cement, fibre-cement plates, concrete, plaster-cardboard plates, wallpapers made of glass fibres, wallpapers with a relief and old coatings.

CHARACTERISTICS

- breaks down formaldehyde in the air
- significantly improves the air quality in a room
- does not contain solvents
- highly washable-class 1 according to EN 13 300
- high level of hiding power
- easy to clean
- resistant to chemicals
- wide range of color shades – **HGMIX**

TECHNICAL DATA

COMPOSITION	VOC free styreneacrylate dispersion, pigments, fillers and special additives
COLOR SHADES	white, several thousand shades based on the HGMIX colour spectrum
TINTING	with pigment pastes, which are suitable for water-based paints, up to 3%, and with dispersion paints, which are suitable for tinting; HGMIX
GLOSS (EN 13300)	matt
DENSITY	1.40 – 1.45 kg/l
WASHABILITY (EN 13300)	class 1
VAPOUR PERMEABILITY s_d (EN ISO7783:2012)	0,30 ± 0,03m (class V ₂ , medium water vapour permeability)
THINNING	with water 5-10%
EU VOC category and limits	IIA(a), 30g/l (2010); the product contains: max. 1 g/l
PACKAGING UNITS	2 l / 5 l
SHELF LIFE	The shelf life of an originally sealed and suitably stored product (temperature ranging from +5°C to +35°C, in a dry place) is indicated on the packaging. MUST NOT FREEZE!

INSTRUCTIONS FOR USE

APPLICATION METHOD	roller, brush, spraying
WORKING CONDITIONS	The paint, air and surface temperature should be at least +5°C.
DRYING (T = +20°C, rel. humidity 65%)	Dry and suitable for subsequent application after 4 – 6 hours.
COVERAGE	Theoretically: for a two-layer application 7 - 9 m ² z 1 l The actual consumption depends on the absorbency and roughness of the surface.
CLEANING TOOLS	with water, immediately after use

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 acrylic impregnation**. Prior to painting, the surface should be dry and firm. Apply **SPEKTRA biocide agent SANITOL** to wall surfaces, which are attacked by mould and algae. After the surfaces have dried, remove mould mechanically. Add **SPEKTRA protection against mould** to the paint **SPEKTRA Active Air** which will prevent the growth of microorganism for a long time.

Paint the spots of nicotine, water outflow, tar, water-proof pencils... 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 paint 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 - concrete and other not porous substrates		1x SPEKTRA acrylic impregnation 1x SPEKTRA deep impregnation	2x SPEKTRA interior putty (if necessary)	2x SPEKTRA Active Air
Painted with dispersion paints - several layers of permeable, not washable coatings - smooth, shiny, washable coatings	cleaning, removal of crumbly particles, repair of damaged spots cleaning, polishing	1x SPEKTRA acrylic impregnation	2x SPEKTRA interior putty (if necessary)	

REMARKS

- Drying time increases at low temperatures and higher air humidity.
- Mix paint thoroughly before use.
- If you thin paint with larger quantity of water than prescribed, the coverage of the colour film decreases accordingly.
- The final film appearance depends on surface. The smooth film appearance can be obtained on the polished wall surfaces, therefore we recommend puttying with **SPEKTRA interior putty** (two layers with an intermediate and final polishing).
- The coverage of **SPEKTRA latex (matt)** in live red, yellow, orange, bordeaux and green colours is worse, therefore two coats are not sufficient. We recommend the application of one coat of a coloured primer prior to the paint application in the selected colour shade (2 – 3 coats). For a nice coating appearance, precise application is necessary.
- Prior to use, test the resistance of a coating to the chosen cleaner on a less visible part of the wall surface.