

SPEKTRA Termo Top

AREA OF APPLICATION

For the protection and decoration of wall and ceiling surfaces. Thanks to the addition of hollow glass beads, the thermal conductivity of the coating is significantly lower compared to conventional wall paints, which enables the reduction in the cost of energy and keeps wall surfaces warm, thus preventing the formation of condensation and mould. A special composition enables the coating to reflect more than 90 % of incoming light, which then returns to the room and brightens up the whole space. The coating creates a favourable living climate, whereas the effect is significantly increased when used in combination with the thermally insulating levelling compound, **SPEKTRA Level Termo**. Thanks to the above qualities, the **SPEKTRA Level Termo** and **SPEKTRA Termo Top** systems are recommended for all interior wall and ceiling surfaces in flats and other facilities, especially when there is no thermal insulation, or the thermal insulation is of poor quality.

SPEKTRA Termo Top interior wall paint is suitable for painting all types of mineral plasters, fibre-cement panels, concrete, plaster-cardboard panels, wallpapers made of glass fibres, paper relief wallpapers and old coatings.

PROPERTIES

- decreases the loss of warmth through walls
- prevents the formation of condensation and mould
- regulates moisture in the room
- creates a pleasant living environment
- wide selection of light colour shades – **HGMIX**

TECHNICAL DATA

COMPOSITION	styrene-acrylate dispersion, pigment, fillers, and special additives
COLOUR SHADES	white, light colour 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 13 300)	mat
WASHABILITY (EN 13 300)	Class 3
DENSITY	1,1 ± 0,1 kg/l
THERMAL CONDUCTIVITY	0,25 W/mK
TSR (reflection of sunlight)	> 90 %
VAPOUR PERMEABILITY	high
THINNING	with water to up to 5 %
EU VOC category and limits	IIA(a), 30 g/l (2010); the product contains: max. 5 g/l.
PACKAGING UNITS	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. DO 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 4–5 m ² z 1 l 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 any loose old coats. Fill up large cracks and damaged parts of the surface with adequate mineral-based materials. Then impregnate with **SPEKTRA Impregnation Acryl**. Prior to painting, the surface should be dry and firm.

Apply **SPEKTRA Sanitol** biocide agent to wall surfaces affected by mould or algae. Once the walls are dry, remove the mould mechanically.

Cover nicotine, water leakage, tar, waterproof pencil, and other spots with **SPEKTRA antinicotine paint**, which is used as the finishing coating. Clean crack-free, healthy surfaces painted with smooth, gloss or semi-gloss dispersion paints, and sand them with sandpaper (No. 150).

To achieve an effective thermal insulation, thermally insulating levelling compound **SPEKTRA Level Termo** in thickness up to 4 mm (in 2 layers) should be applied on wall and ceiling surfaces prior to the application of **SPEKTRA Termo Top**. This creates an excellent thermal barrier on cold north-facing

walls, external wall corners, and all areas where there is significant loss of warmth through walls. As this levelling compound is extremely light, it does not constitute a heavy load on wall and ceiling surfaces. Now apply two layers of **SPEKTRA Termo Top**.

COATING SYSTEMS

SURFACE	SUBSTRATE PREPARATION	IMPREGNATION	SMOOTHING	TOPCOAT
New uncoated surfaces - lime-cement plasters - plaster-cardboard plates - concrete and other non-porous surfaces		1x SPEKTRA Impregnation Acryl 1x SPEKTRA deep impregnation	2x SPEKTRA Level Termo (if necessary)	2x SPEKTRA Termo Top
Painted with dispersion paints - several layers of permeable, not washable coatings - smooth, glossy, washable coatings	cleaning, removal of loose particles, repair of damaged areas cleaning, sanding	1x SPEKTRA Impregnation Acryl	2x SPEKTRA Level Termo (if necessary)	

NOTES AND SPECIAL FEATURES

- Mix well before use. Drying time increases at lower temperatures and higher air humidity.
- If thinning more than required, the effect of thermal insulation and the hiding power of the coating will be decreased.
- Coating shades can differ from the selected etalon due to differences in the permeability and roughness of surfaces as well as differences in lighting. Such differences in shades are not to be considered a reason for claims. Differences in shades are approved by the manufacturer who always evaluates them in the same conditions.