

SPEKTRA Level Termo

AREA OF APPLICATION

Levelling compound based on hollow glass beads, which absorb, retain, and reflect the received heat back into the room. This reduces heat passage through wall surfaces from the inside in winter and prevents the passage of heat from the outside indoors in summer. This reduces the consumption of energy for heating or cooling. It resolves the problem of thermal bridges. The walls cool down to a significantly lesser degree, preventing the formation of condensation and mould growth, thereby creating healthier living conditions. It is very easy to apply. It is suitable for all types of mineral and already painted interior wall surfaces and is characterized by good adhesion and very low load on the wall surfaces to which it is applied. Due to the resulting energy savings and favourable living conditions it creates, it is recommended for indoor spaces in residential and commercial buildings, all public institutions such as schools, kindergartens, hospitals, shopping centres, halls etc.

PROPERTIES

- Suitable for overcoming thermal bridges
- Prevents the formation of condensation and growth of mould
- Reduces the costs for heating / cooling spaces
- Offers a pleasant living environment
- Does not contain volatile organic compounds
- For the protection of internal wall surfaces

TECHNICAL DATA

COMPOSITION	Acrylic copolymer dispersion, hollow glass beads and special additives.
COLOR SHADES	White.
GLOSS	EN 13300 – matt
DENSITY	0,49 – 0,52 kg/l
ADHESION (EN ISO 4624:2004, lime-cement board) ¹	0,62 MPa
CRACK-BRIDGING (method A EN 1062-7:2004) ¹	570 µm – class A1 (> 100 µm)
WATER VAPOUR PERMEABILITY s_d (EN ISO 7783:2012) ²	0,20 ± 0,02 m (medium permeability)
THERMAL CONDUCTIVITY (EN ISO 8990:1997, THICKNESS 4mm) ³	0,059 ± 0,01 W/mK
THINNING	Not to be thinned.
EU VOC category and limits	IIA(i), 140 g/l (2010); the product contains: max. 1 g/l
PACKAGING UNITS	5 l in 15 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	Stainless steel trowel
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 10 - 12 hours
SANDING	Intermediate sanding is not required; use sanding paper no. 150 for the second sanding.
COVERAGE	Theoretically: for a two-layer application approx. 2 L for 1m ² (at 2mm thickness / layer). Actual consumption depends on the coat thickness and quality of the substrate.
CLEANING TOOLS	With detergent and water, immediately after use

¹ ZAG Poročilo o preizkušanju izdelka št. P 540/13-460-14

² ZAG Poročilo o preizkušanju izdelka št. P 540/13-460-1

³ ZAG Poročilo o preizkušanju izdelka št. P 540/13-520-1

SUBSTRATE 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. If necessary, follow by impregnating with SPEKTRA Impregnation Acryl Special / SPEKTRA Impregnation Acryl. Prior to **applying SPEKTRA LEVEL TERMO**, the surface should be dry and firm. Apply biocidal agent SPEKTRA SANITOL to wall surfaces affected by mould or algae. Once the walls are dry, remove the mould **mechanically**.

COATING SYSTEMS

SURFACE	SUBSTRATE PREPARATION	FUNCTIONAL COATING	SMOOTHING	FINISHING COAT
New uncoated surfaces - lime-cement plasters - plaster-cardboard plates - concrete and other non-porous substrates				
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	2x SPEKTRA LEVEL TERMO to a minimum thickness of 2-4 mm, intermediate sanding is not required, final sanding if necessary	1x SPEKTRA LEVEL FINE , if necessary, for the fine levelling of the wall surfaces before applying the final coating	2x interior wall paint HELIOS SPEKTRA Termo Top

NOTES AND SPECIAL FEATURES

- Mix well before use.
- Drying time increases at lower temperatures and higher air humidity.
- Increasing the thickness of the coating further reduces the passage of heat through the walls, but in this case, we recommend several applications of **SPEKTRA TERMO TOP**.
- For sanding the putty, do not use a sanding mesh (very fine powder can fill it too quickly). If a very fine levelling of the wall surfaces is required prior to applying the final coating system, instead of sanding **SPEKTRA LEVEL TERMO**, one additional layer of easily sanded **SPEKTRA LEVEL FINE** may be applied.
- Due to its specific composition, dry **SPEKTRA LEVEL TERMO** is soft to the touch and is not comparable to classic levelling compounds and putties.
- Owing to its elasticity, it is also suitable for bridging fine cracks.
- As a top coat we recommend **SPEKTRA Termo Top**, which additionally improves the reflectance and thermal insulation of the entire coating system, but any other interior wall paint of the **SPEKTRA** brand is also suitable.