

Product description

SpeeTop is a specially developed low-emission leveling compound.

The self-leveling mortar can be applied both manually and mechanically, and results in a hard, smooth, and flat surface. The compound is walkable after 4 hours, and depending on the ambient temperature, the gradual heating protocol can be started 48 to 72 hours after the compound has been poured. Mix a 25kg bag thoroughly with 4.5 liters of water.



Application area

- Specifically designed for use in combination with the WARP SpeeTile underfloor heating system.
- Suitable for creating substrates that meet applicable standards.
- For pouring leveling compound over screeds and concrete, existing ceramic tiles, natural stone, and terrazzo. Also suitable for old substrates with firmly bonded, waterproof adhesive residues.
- Applicable for layer thicknesses from 3 to 40mm.
- For dry indoor areas only. Not suitable as a final floor finish.
- SpeeTop can also be used in heavily trafficked areas, such as hospitals, shops, and shopping centers, when combined with suitable floor coverings.

Product Characteristics

- Self-leveling and pumpable, suitable for mechanical application.
- Walkable after 4 hours (for layer thicknesses up to 20 mm).
- Ready for floor covering after following the gradual heating protocol.
- Without underfloor heating, the surface is ready for covering after approximately 72 hours.
- Starting the heating protocol for underfloor heating with layer thicknesses up to 20 mm:
 - At ambient temperatures >15°C: after 48 hours
 - At ambient temperatures <15°C: after 72 hours
- Low-stress and high-strength.
- Exceptionally suitable for very uneven subfloors, as it follows the substrate.
- Smooth surface; micro-cracks may appear during drying and heating.
- Suitable for use under compatible wooden floor coverings.

Substrate Preparations

- The substrate must be clean, dust-free, free from defects, solid, stable, load-bearing, permanently dry, and free from adhesion-reducing layers such as dirt, oil, grease, and loose particles. Old paint layers must not be present. All substrates must comply with the relevant standards, such as: ATV DIN 18 365 "Floor covering work", ATV DIN 18 356 "Parquet work", BS CP 8204 & 8201 or equivalent national standards.
- Before applying the leveling compound, you must always ensure that the residual moisture content of the subfloor is below 1.8 CM% for cement-based screeds and below 0.3 CM% for calcium sulfate-based screeds.
If it is not possible to determine the percentage of residual moisture, a sufficient drying period of several months must be observed. In addition, composite floors must be equipped with a suitable moisture barrier (e.g. SCHÖNOX SDG PLUS). This does not apply to calcium sulfate-based screeds. Seek advice if necessary.

- For cement-based substrates, any possible cement laitance must be removed using suitable machinery. Calcium sulfate-based screeds must always be sanded and vacuumed. Dense, smooth surfaces such as ceramic tiles must be thoroughly cleaned, degreased, and roughened.
- Before applying the leveling compound, the surface must be pre-treated with the recommended primer. When using SpeeTop leveling compound on calcium sulfate screeds, first prime with SCHÖNOX KH FIX and allow to dry for at least 1 hour. The perimeter of the surface to be primed and filled must first be bordered with edge strips of at least 5mm thick.

Application

- Pour the measured amount of clean water into a clean mixing bucket.
- Mix in the SpeeTop leveling compound using a suitable mixing machine for approximately 3 minutes until a homogeneous mixture is obtained.
- Apply the compound using a rake or trowel to the desired layer thickness. For larger areas, SpeeTop can be mixed and pumped using a leveling compound pump.
- When applying SpeeTop in layer thicknesses greater than 5mm, use a spiked roller to remove air bubbles.

Important!

- The essential conditions for achieving the best possible quality after floor installation work are adherence to the recommended working conditions, as well as fully dry substrates, primers, and leveling compounds.
- Only carry out floor installation work when the floor temperature is above 5°C, the ambient temperature is above 18°C, and the relative humidity is below 75%.
- Required drying times must be observed and followed carefully. Note that curing and drying times may vary under different climate conditions. Ensure sufficient ventilation during the drying process.
- Protect freshly applied leveling compound from direct sunlight and drafts.
- Do not mix with other types of leveling compounds.
- Reseal opened bags tightly and use them as soon as possible.
- Do not use on wet substructures or outdoors.
- Not suitable as a screed or final floor layer.
- For application on mastic asphalt substrates, please seek advice before using SpeeTop.
- If the surface remains uncovered for an extended period (e.g. several weeks) after application, this may lead to cracking. Therefore, surfaces treated with leveling compound must be covered with a floor covering as soon as possible after the heating protocol has been completed.

Cleaning of tools

- Clean tools immediately after use with water and soap.
- Once hardened, cleaning with water and soap is no longer possible.

Packaging, Storage and Shelf Life

- SpeeTop is supplied in 25kg bags (42 bags per pallet).
- The product is delivered as a grey powder.
- Store in a dry, cool, and frost-free environment.
- SpeeTop has a shelf life of 1 year in its original, unopened packaging.

Safety

Reduced chromate content. Contains cement. This product reacts strongly in an alkaline manner when in contact with moisture; therefore, protect skin and eyes. In case of contact, rinse immediately with plenty of water. If eye contact occurs, consult a physician. No significant release of volatile organic compounds (VOCs) into the ambient air is expected in the medium or long term. However, ensure good ventilation during and after application and drying.

Avoid eating, drinking, and smoking while using this product.

Information for allergy sufferers: +49 711 8009 0

Keep out of reach of children.

Safety data

- GISCODE ZP 1 – Low chromate content
- EMICODE EC 1PLUSR – Very low emissions in accordance with GEV

For professional use only.

Cleaning of tools

The product must not enter the sewage system or open water. It must also not be released into soil or ground surfaces. Only completely empty packaging should be recycled. Dispose of hardened product residues as industrial waste equivalent to household waste, or via containers for commercial/construction waste. Unhardened product residues must be treated as hazardous waste. European Waste Catalogue (EWC) code: 17 01 01

Technical Data Material

Starting Commissioning Protocol	> 15°C after 48 hours < 15°C after 72 hours
Covering-ready	After completion of the heating protocol
Consistency	Powder
Shelf Life	1 year when stored cool and dry in unopened original packaging

Application Data

Consumption	Approx. 1.8 kg/m ² per mm when used in the SpeeTile underfloor heating system on level floors
Layer Thickness	3–40mm
Temperature Resistance (Transport)	-20°C to +50°C
Temperature Resistance (Storage)	0°C to +50°C
Temperature Resistance (After Curing)	Up to max. +50°C, suitable for subfloors with underfloor heating

Application Temperature	Floor temperature: above +5°C Air temperature: above +18°C Relative humidity: below 75%
Mixing Ratio	25 kg SpeeTop + approx. 4.5 litres of water
Mixing Time	Minimum 3 minutes until a homogeneous mixture is achieved
Working Time	Approx. 40 minutes
Curing Time	Walkable after 4 hours

The above data, particularly the recommendations for processing and use of our products, are based on our professional knowledge and experience. Since materials and conditions may vary for each intended application and are therefore beyond our control, we strongly advise conducting sufficient tests in each case to verify the suitability of our products for the intended method and use. Liability cannot be derived from the contents of this technical data sheet, nor from any verbal advice, unless there is evidence of intent or gross negligence on our part. This technical data sheet supersedes all previous editions.

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