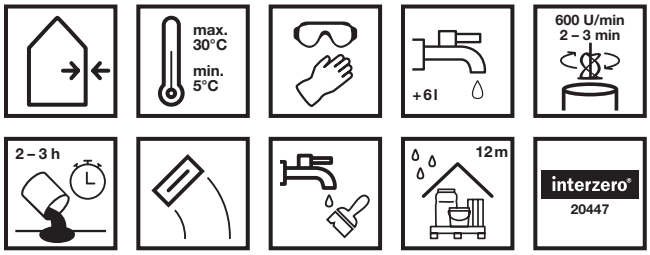
INTRASIT® VS-WTA Plus 54Z

Pre-spray mortar for the secure adhesion of subsequent WTA renovation plaster



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application and processing.

PRODUCT INFORMATION

Description

INTRASIT® VS-WTA Plus 54Z is a mineral priming mortar with high sulphate resistance. Classified as standard plaster mortar GP CS IV according to DIN EN 998-1.

Application

- as a pre-spray plaster or spray coat for INTRASIT restoration and restoration leveling plasters
- Suitable for use on sulphate-containing masonry

Operational area

- all types of masonry

Place of use

- for outdoor and indoor areas

Properties

- corresponds to the WTA certificate for renovation plaster systems according to WTA data sheet 2-9
- quality-monitored
- WTA certified according to data sheet 2 – 9 Renovation plasters
- mineral
- improves the bond between the plaster base and the subsequent restoration plaster
- no impairment of the water vapor diffusion capacity
- good workability
- good adhesion
- can be processed by machine and by hand

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Technical Data

Available container sizes	25 kg/sack
Technical specification	EN 998-1
Category	CS IV
Set mortar bulk density	approx. 1.6 kg/dm³
Compressive strength	≥ 6 N/mm²
Capillary water absorption	W_c1
Water vapour permeability μ	15/35 (table value EN 1745)
Thermal conductivity $\lambda_{10,dry,mat.}$ for P=50%	≤ 0.82 W/(mK)
Thermal conductivity $\lambda_{10,dry,mat.}$ for P=90%	≤ 0,89 W/(mK)
Water requirement	approx. 6.0 l per 25 kg/sack
Processing temperature	+5°C to +30°C
Processing time	approx. 2 hours
Consumption	approx. 4 kg/m² semi-covering
Storage	dry, 12 months

SUBSTRATE

Properties/tests

- For assessing the plaster primer, VOB/C DIN 18350, Section 3, DIN EN 13914-1/13914-2 as well as the plaster standard DIN 18550-1/18550-2 should be observed.
- The substrate must be load-bearing, clean and free of adhesion-reducing residues.

Preparation

- Old plaster must be removed at least 80 to 100 cm above the visible or adjacent damaged zone up to the masonry.
- Crumbly masonry joints are to be scraped out approx. 2 - 3 cm deep.
- Damaged stones must be replaced.
- Non-load-bearing coatings must be completely removed.
- Clean masonry thoroughly and remove dust.
- Highly absorbent substrates should be wetted in good time, days before if need be.

AREAS OF APPLICATION AND PROCESSING

Applying

- Can be applied by hand and with standard plastering machines.
- When using plastering machines, no additional equipment (e.g. additional mixer or air-entraining screw jacket) needs to be used.
- When using a machine: Adjust the water supply to a workable consistency.
- When mixing manually, first place the quantity of water specified in the technical data in a clean container and then sprinkle in dry mortar. Use clean tap water.
- Mix the material with a suitable agitator until homogeneous and lump-free, allow briefly to rest and then stir again, adding more water if necessary, and adjust the consistency to a workable consistency.
- Do not mix with other products and/or foreign substances.
- Spray on approx. 50 – 60 % of the pre-spray plaster in a rough, net-like, semi-covering coat.

NOTES

Cleaning

- Clean all tools and equipment with water immediately after use.

System products

- INTRASIT® GP-WTA Plus 54Z
- INTRASIT® SP-WTA Plus 54Z

To be observed

- Maintain a processing temperature of +5 °C to +30 °C.
- Mortar that has already hardened cannot be diluted with additional water, re-mixed and further processed.
- In unfavorable weather conditions (e.g. driving rain, strong sun and/or wind, frost), suitable protective measures must be taken, especially for freshly coated surfaces.
- Further coating with INTRASIT restoration plasters in accordance with WTA 2-9. Please refer to the technical data sheet of the selected product or our project-related restoration proposal.
- Carefully cover adjacent surfaces and components (e.g. windows, window sills, etc.). Wash off any soiling immediately with water.
- Construction waste close to the renovation site must be removed daily to prevent salt migration.

Ingredients

- Cement with high sulphate-resistance according to DIN EN 197-1
- graded stone aggregates in accordance with DIN 13139
- additives for regulating and improving workability and product properties

Occupational safety / Recommendation

- Further information on safety during transportation, storage and handling can be found in the current safety data sheets.

Disposal

- The following applies to all systems: Only return empty containers to recycling partner Interseroh. Dispose of hardened product in accordance with the local regulations. Do not allow to enter the sewer system. Dispose of the hardened product in the same way as concrete waste and slurries. Waste code according to the Ordinance on the European Waste Catalogue depending on the origin: 17 01 01 (concrete) or 10 13 14 (concretewaste and concrete slurries).

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The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.