

## IPA Sanier- und Dämmputz UL

Ready Mix mortar for plastering salty, moist interior and exterior walls with high heat insulation properties

wet plaster, masonry is generally salty, so ideally used to eradicate damp cellars, vaults and historic buildings. Man made dry surfaces and prevents efflorescence and delamination of plaster

IPA Sanier and UL insulation plaster is by its lime plaster suitable for redevelopment in the area of historic preservation. Its use as Innensanierputz is preferred in high moisture areas as optimal, in both the old and new buildings. He has a balancing effect on the indoor environment and prevents condensation on the plaster surface. He VER converts Kellermief in housing quality. IPA Sanier and UL insulation plaster is essential as a support activity to any kind of horizontal barrier.

### Action (Properties)

IPA Sanier and UL insulation plaster

- is a lime-cement plaster (mortar group PII) is less favorable crack and strength ratio
- is a hydrophobic pore cleaning with very high water vapor diffusion
- capillary is almost inactive, then transported to water or salt
- creates a salt-free and dry surface (Taupunktverlagerung) inside, to prevent condensation)
- permanently prevents efflorescence, paint and Putzabsprengungen
- is completely frost-and salt-resistant
- promotes the drying out humid, salty-Ner building
- is ideal for machine processing (cleaning machine) is suitable.

### Processing

Pre-treatment: The existing plaster, or bind interfering substances to remove the Rohmauerwerk (to 2.fachen wall thickness, at least 50 cm above the visible moisture tigkeitsgrenze out). Plaster, wood residue and other foreign substances completely eliminated. Rotten joint network 2 cm deep and thoroughly clean the surface (dry beam) or turn away with a firm brush). Immediately remove the rubble dry. Salt treatment: Even with a high salt-loaded building materials can be dispensed with each salt treatment in circumstances where it is as a buffer zone IPA E64 pore base coat a set.

Despite recommended buffer zone is a one-off treatment with salt DURIPAL,

- to consolidate the support surface,
- the most harmful salts to encapsulate already in the ground,
- the life expectancy of the pore base plaster, thus enhancing the entire remediation system

and

- its ability to ensure full diffusion over this period. When working without pore base coat, depending on salt content, a 1-3 issues soaking in fresh, with fresh make DURIPAL. Application is on the dry building in the flood. or spray.

Consumption: at least 0.2 l / m<sup>2</sup> per impregnation  
Rough cast: The rough cast is fresh in fresh on the ground soaked with DURIPAL (. Max waiting time 1 hour) with IPA primer ZS, net-like (up to 50% coverage) or fully opaque, layer thickness max. 5mm.

Grid-like order is usually under IPA E64 pore base plaster or IPA Sanier and insulating plaster UL (inside and outside), fully covering the rough cast under IPA E64 waterproof plaster (interior and exterior), and, IPA Sanier and insulating plaster UL (in contact with soil components). For better adhesion of subsequent IPA E64 P

### Technical data

<b>Material basis</b>	min. Binder, silica sand
<b>Old white</b>	appearance
<b>Processing time</b>	50-60 minutes
<b>Working temperature</b>	not below 5 ° C (material temperature)
<b>Consumption</b>	about 6.5 kg / m <sup>2</sup> for 10 mm
<b>Dry bulk density</b>	580 g / dm <sup>3</sup>
<b>Water demand</b>	480 dm <sup>3</sup> / t
<b>Fresh mortar density</b>	0.65 kg / dm <sup>3</sup> 15 cm slump
<b>Air content</b>	> 30% by volume
<b>Total porosity</b>	65% by volume
<b>Yield</b>	2150 dm <sup>3</sup> / t
<b>Compressive strength</b>	2.10 N / mm <sup>2</sup>
<b>Flexural strength</b>	0.75 N / mm <sup>2</sup>
<b>Water vapor diffusion</b>	μ = 8.5
<b>Thermal conductivity</b>	lambda = 0.165
<b>Dry storage</b>	store on pallets or wooden slats
<b>Keeping</b>	max. 6 months
<b>Packaging bag</b>	12kg

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systems, the surface of the bonding is to be left spritzrau. The waiting time for subsequent cleaning system is at least 4 hours, usually 2-4 days. If this is pre-wetted surface dried off well.

Basic or compensatory plaster:

Uneven plaster grounds are leveled with IPA E64 pore base coat. For large bumps and fissures (20 mm to 60mm) is to work in multiple layers. In principle, also IPA Sanier and UL insulation plaster As a compliant wall, but may render thickness 2 cm (WTA) or less. As the salt buffer zone only IPA E64 pore base coat is suitable, and the minimum thickness is 10mm. Intermediate layers and surface cleaning are to be left rough. Before applying further layers or subsequent restoration plasters should wait at least 4 hours. In the dried pre-wetted surface which in turn.

## Restoration

Mixing Instructions: 5 - 6 liters of clean, cold water in the mixing bucket submit content sack (12kg) Sprinkle, intense and homogeneously mixed in the blender. Water consumption at an appropriate Shine (eg G4), about 220l/Std.

## Mixing time:

Forced mixer about 5 minutes. Free-fall mixers are poorly suited and require much longer mixing times. In order to avoid mixing errors, at least one whole dress bag contents.

IPA Sanier and UL insulation plaster is typically applied 1-3 days after application of the rough cast. When base coat thickness of 2 cm is an additional waiting time of 1 day per mm einzukalkulieren (WTA). The Sanierputzmörtel will vigorously cranked by hand or mechanically processed Tet. A minimum thickness of 2 cm is mandatory. Plaster thicknesses up to 3 cm layer can be applied, max. Plaster thickness at 2-ply Order 6cm.

## Exceptions:

1. About IPA meet E64 pore base plaster 1.5 cm wall thickness.
2. suffice as final rendering of IPA E64 waterproof plaster 1 cm thick plaster.

IPA Sanier and UL insulation plaster is wound a single layer in the rule. High moisture penetration of the surface or interior moisture remediation of contaminated areas require strong two-layer processing (minimum wall thickness of 1 cm per layer), because the functionality is taken only when the plaster has dried again. Between layers are to be left rough, just as the plaster surface when using IPA E64 abgefilzt fine plaster.

Otherwise, after leveling with a straight edge (aluminum) and after freezing as possible without

adding water rubbed the surface with a board. The waiting period before applying further layers or a subsequent fine plaster IPA E64 is at least 4 hours

## Notes

- IPA Sanier and UL insulation plaster is applied as per the rules of trade and technology policies for plaster according to DIN 18550 by hand or by machine. apply to design and post-treatment of IPA Sanier and UL insulation render the directive lines for cleaning according to DIN 18550: heat, frost, avoid strong wind during and up to 24 hours after the execution, and provide for long enough moisturizing.
- If capillary rising moisture is recommended as a complementary initiative, the installation of a horizontal barrier (chemical or mechanical).
- glass, wood, fittings protect against material contamination.
- Dirty Clean parts thoroughly with water immediately.
- The cleaning of all tools and equipment immediately after their use also with water.
- The disposal of dried residues are on the waste dump.

## Safety advice:

The IPA Sanier and UL insulation plaster is not subject to congregate.

However, in verarbeitungsfähigem state acts IPA Sanier and UL insulation plaster because of its alkalinity "corrosive".

The prescribed protection measures and accident prevention regulations of the Chem-industrial trade association must be respected. Avoid contact with eyes, rinse with water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable protective clothing, gloves and protectio glasses/Face protection.

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