

Technical Data Sheet.

casutec US –Wall and surface spackling compound

Description of the product

casutec US is a very white surface gypsum-based surfacer compound for interior use in accordance with EN 13279 with additives to improve handling. The processing times are sufficient to allow large areas to be spackled in one step. casutec US is used for spackling, filling and smoothing on plaster, brickwork and concrete and to treat gypsum wall boards and as a universal filler for filling and spackling gypsum plasterboard and perforated boards, for gypsum fibre boards and one man boards where the joints are reinforced with tape. casutec US is suitable for subsequent coating with paint, wallpaper or creative techniques (possibly with additional primers).

> Technical data and properties

| | |
|---------------------------------------|--|
| Standard | Type 3B as per EN 13963 C7 as per EN 13279 |
| Compressive strength | ≥ 3.0 N/mm ² |
| Flexural strength | ≥ 2.0 N/mm ² |
| Yield as per standard | ca.. 1,100 l/t ca. 1.1 l/kg |
| Consumption | ca. 0.9 kg/m ² per 1 mm application thickness |
| Water requirement | approx. 13 l per 20 kg bag |
| Thermal conductivity (tabular value) | λR=0.35 W/m*K |
| Water vapour permeability coefficient | μ < 8 |
| Reaction to fire | Building material class A 1, not combustible |

> Logistics and safety

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|-----------------|--|
| Commercial form | 20 kg-Bag, 5 kg-Bag |
| Shelf life | casutec US can be stored in 20 kg bags in dry and protected conditions for 6 months from the date of production. |
| Safety notes | See safety sheet, casutec US presents no hazards. |

> CE-marking



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CASEA-114 210
Gypsum plaster, finishing product C7/20/2 EN 13279-1: 2008
Jointing compound Type 3B EN 13963
Jointing of gypsumboard, gypsum plaster for internal use

| | |
|----------------------------------|------|
| Reaction to fire | A1 |
| Direct airborne sound insulation | NPD* |
| Thermal resistance | NPD* |
| Dangerous substances | NPD* |

*No Performance Determined

Information

This product data sheet is intended to give advice to the best of our knowledge; it replaces any previous product data sheets. The contents of this product data sheet are not legally binding.

Substrates

casutec US can be applied on old render, on all types of masonry, on concrete and on plaster bases. The substrate must be dry, clean, firm and free from release agents. The residual moisture content of concrete must be below 3%. It is advisable to apply a suitable adhesive primer with a certain percentage of quartz sand on concrete surfaces and other surfaces with low permeability, in particular on concrete with a smooth formed finish or on slightly absorbent concrete surfaces.

Processing and processing time

Shake casutec US into a clean container containing clean water, leave to settle and then mix to form a lump-free mass. Select a thicker consistency for filling and a thinner consistency for smoothing. Pre-spackle gypsum boards and rough substrates and then apply a fine layer once the filling has thickened. If necessary the surface can be sanded once dry. To achieve a particularly smooth surface the spackle can be dampened with a brush or sponge once it has hardened and then smoothed over again. The workability time, following initial mixing, is approximately 80 minutes. However, the workability time depends on the consistency of the plaster, the ambient temperature and the absorbency of the substrate.

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Please note

- Do not add foreign substances
- Quickly use up mixed mortar; do not use any material that has started to harden
- Only use clean containers and tools, as gypsum residues significantly affect the setting properties of the mortar
- Do not use at temperatures below +5°C or above +35°C of the substrate or the ambient temperature
- The generally recognised rules of the art should be taken into account during application
- Apply a gypsum adhesive primer or a suitable substrate preparation in the case of concrete or other substrates with low permeability
- Disposal instructions: GISCODE: CP 1; water hazards class: 1; German regulation regarding safety at work: not applicable

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