

Technical data sheet

casutec WS – Wall and Surface Filler

Product description

casutec WS is a very white surface filler based on gypsum for indoor applications according to EN 13279 with additives in order to improve the processing properties. The processing times are long enough so that even larger surfaces can be filled in one and the same working process.

casutec WS is used to fill, level out and smooth plaster, masonry and concrete surfaces as well as to displace gypsum blocks.

casutec WS is suited to be subsequently coated with paints, wallpapers or creative techniques (possibly with an additional ground coat).



> Technical data and specifications

Standard	Gypsum surface filler C7 as per EN 13279
Compression strength	$\geq 3.0 \text{ N/mm}^2$
Flexural strength	$\geq 2.0 \text{ N/mm}^2$
Yield as per standard	approx. 1,200 l/t approx. 1.2 l/kg
Consumption	approx. 0.85 kg/m ² each 1 mm layer thickness
Water requirement	approx. 13 l per bag of 20 kg
Thermal conductivity (tabular value)	$\lambda_R = 0.35 \text{ W/mK}$
Water vapour permeability coefficient	$\mu < 8$
Reaction to fire	building material class A 1, non-combustible

> Logistics and safety notes

Commercial form	bag
Shelf life	given dry and protected storage, casutec WS can be stored in bags for 6 months from the date of production
Safety notes	see safety data sheet no hazards arising from casutec WS

> CE marking



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CASEA-114 200
Gypsum plaster dry mortar C7 EN 13279-1: 2008
Plastering surfaces within buildings

Reaction to fire	A1
Thermal conduction resistance	NPD*
Airborne sound insulation	NPD*
Dangerous substances	NPD*

Information

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

Grounds

casutec WS can be applied to older plaster, masonry of any type, concrete and plaster bases. The ground must be dry, clean, solid and free from separating agents. The residual moisture in concrete does not exceed 3 %. On concrete surfaces, especially on smoothly formed and low-absorbing concrete surfaces, we recommend using casuprim HB as a bonding course.

Processing and processing time

Add casutec WS to clean water in a clean container, have it soaked and stir it using the agitator until the mixture is smooth. A thicker consistency is chosen for filling purposes, whereas a thinner consistency is selected for smoothing purposes. Prefill gypsum plasterboards and rough surfaces extensively and smoothen them finely after the filling has hardened. If necessary, the surfaces can be ground after they have dried. In order to achieve particularly smooth surfaces, the filler can be moistened using a brush or sponge and smoothed again after the filling has hardened. Processing time after mixing is approx. 80 min until final processing. The processing time, however, depends on the consistency of the filler, on the ambient temperatures and on the absorbency of the ground.

For further information

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Please note

- Do not mix in foreign materials
- Process mixed mortar quickly and do not use hardened material any more
- Only use clean containers and tools, since the curing behaviour of the mortar is influenced significantly by gypsum residues
- Do not use at ground and ambient temperatures below +5 °C and above +35 °C
- Please observe the generally recognised codes of practice
- Use a gypsum-based bonding primer or a suitable preparation of grounds for concrete or other low-absorbing grounds
- Disposal considerations: GISCODE: CP 1; WHC: 1; *BetrSichV* [Ordinance on Industrial Safety and Health] not applicable

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