

# Technical data sheet.

## casuhaft gold – Lightweight Gypsum Plaster

### Product description

casuhaft gold is a particularly yielding single-layer plaster based on gypsum with mineral lightweight aggregates (Perlite) to be used in dry indoor areas on walls and ceilings-. Suitable for domestic kitchens and bathrooms. The surface is usually smoothed; use as floating plaster for coatings etc. is possible. casuhaft gold is formulated especially for manual processing in renovation and repair of buildings.

### > Technical data and specifications

Standard	Plaster B4 as per DIN EN 13279
Compression strength	$\geq 2.0 \text{ N/mm}^2$
Flexural strength	$\geq 1.0 \text{ N/mm}^2$
E module	$< 2 \text{ kN/mm}^2$
Yield as per standard	approx. 1.100 l/t approx. 110 m <sup>2</sup> at 10 mm layer thickness approx. 2,7 m <sup>2</sup> per bag of 25 kg
Consumption	approx. 8 kg/m <sup>2</sup> at 10 mm layer thickness
Water requirement	approx. 14 l per bag of 25 kg
Thermal conductivity (tabular value)	$\lambda_R = 0.32 \text{ W/mK}$
Grain structure	0 – 1 mm
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, casuhaft gold can be stored in bags for 6 months from the date of production
Safety notes	see safety data sheet

> CE marking



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CASEA.- 114 170  
EN 13279-1: 2008  
EN 13279-1 – B4  
Plastering of ceilings and walls within buildings

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

\*NPD - no performance determined

### 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

casuhaft gold can be applied to masonry of any type, concrete and plaster bases. The plaster 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

casuhaft gold usually will be applied manually. With manual processing, casuhaft gold is added to clear and fresh water in a clean mixing container and the plaster is stirred until the mixture is smooth. A thinner consistency results in a longer processing time, a stiffer consistency shortens the processing time.

The plaster is applied with the corresponding layer thickness, levelled, screed after hardening, floated and smoothed.

Processing time after mixing is approx. 60-90 minutes until final processing. The processing time, however, depends on the consistency of the plaster, 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
- Please observe standard plaster layer thicknesses
- Do not use at ground and ambient temperatures below +5 °C and above +35 °C
- When material in the ground changes, install reinforcement
- Please observe the generally recognised codes of practice
- Do not use as double layer
- Use a gypsum-based bonding primer or a suitable preparation of grounds for concrete or other low-absorbing grounds
- When using as floating plaster for tiles or heavy coatings, do not smoothen or float the plaster, but only screed sharply after hardening
- Disposal considerations: GISCODE: CP 1; WHC: 1; *BetrSichV* [Ordinance on Industrial Safety and Health] not applicable