

# Technical data sheet.

## casupur MG – modelling gypsum/alabaster gypsum

### Product Description

casupur MG is a high-quality, finely ground gypsum made from a particularly pure raw material. casupur MG is characterised by low expansion and good surface hardness. This makes casupur MG particularly suitable for stucco and sculptural work, for fine sculptural work, for models and true-to-shape replicas. casupur MG is also suitable as a gypsum binder for plaster filler and gypsum based dry mortar.

### > Technical data and characteristics

Standardisation	Gypsum binder A1 as per DIN EN 13279
Compressive strength	$\geq 5.0 \text{ N/mm}^2$
Flexural strength	$\geq 3.0 \text{ N/mm}^2$
E-modulus	$< 2 \text{ kN/mm}^2$
Spreading rate according to the standard	approx. 1,100 l/t
Water requirement	approx. 20 l per 30 kg bag
Grain size	0– 0.2 mm
Fire performance	Construction material class A1, non-flammable

### > Logistics and safety instructions

Form of delivery	bag
Storage	casupur MG in bags can be stored for 6 months from the production date if stored dry and protected.
Safety instructions	See safety data sheet; casupur MG does not pose any particular hazard.

> CE-labelling



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08  
114 230  
EN 13279-1  
Gypsum binder A1  
Gypsum binder for direct use or further processing  
\*NPD (no performance determined) = Characteristics not determined since not  
Fire performance A1  
Calcium sulphate content  $\geq 50\%$   
Airborne sound insulation NPD  
Sound absorption NPD  
Thermal resistance NPD  
Hazardous substances relevant NPD

### Information

This product data sheet contains advice to the best of our knowledge and replaces all previous product data sheets. Its content, however, is not legally binding

### Surfaces

casupur MG can be applied to walls of all kinds, to concrete, to plaster bases and to dry gypsum substrates. The substrate must be dry, clean, secure and free from separating agents. The residual moisture in the concrete must be below 3%. On concrete surfaces, and particularly on smoothed-down and low-absorption concrete surfaces, we recommend casuprim HB as a bonding bridge.

### Processing and Processing Time

Sprinkle casupur MG into a clean mixing container filled with clear and fresh water, allow to soak and mix with a stirrer or by hand to a lump-free consistency. The gypsum plaster starts to set after approx. 12 minutes, the end of the setting period is approx. 35 min. However, the processing time depends on the consistency of the mixed gypsum plaster, the ambient temperatures and the absorbency of the substrate. casupur MG is applied by hand.

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### Important Notes

- Do not admix foreign material
- Do not process at a subsurface temperature or ambient temperature below +5 °C or above +35 °C, respectively.
- Observe the generally accepted codes of practice during processing.
- Do not apply in two layers
- For concrete or other low-absorption substrates, use a gypsum adhesion primer or other suitable substrate preparation
- Disposal instructions: GISCODE: CP 1; water hazards class: 1; German regulation regarding safety at work: not applicable

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