

Technical Data Sheet

CONTACT MORTAR (MESTERVAKOLAT) gypsum mortar for thicknesses from 5 to 30 mm

Ready-mixed, mineral based, dry powder adhesive gypsum plaster with binding agents, for plastering and for smoothing out surfaces.

Where to use	The gypsum plaster is excellent for interior use, for the plastering and smoothing out of walls and ceilings in a single coat. It is not suitable for industrial areas subject to constant damp and moisture, however, it can be used in kitchens and baths in residential units. If used as a render it is suitable for carrying out finishes, such as tile, wallpaper or topcoat rendering. If used as second coat, it can be painted and wallpapered. Suitable for manual and machine application alike.	
Substrate requirement	The substrate must be dry and clean. Remove all loose and disintegrating particles, dust, contamination, detached layers of materials and loose paint from the surface. Use a gypsum-based primer for porous concrete surfaces and for substrates in highly absorbent areas. For mirror image polished concrete surfaces made with shuttering boards, and for mildly absorbent concrete substrates a primer containing quartz sands should be used to achieve better adhesion. For new concrete surfaces, residual moisture must be below 3%. When repairing rough surfaces, cracks and grouts, fix these areas first, then smooth out the entire surface.	
Application	For manual application slowly pour 20 kg of plaster into a clean bucket containing 13,6 litres of water at room temperature (for 1 kg plaster approximately 7 dl of water is required). After a few minutes of slacking mix the material with a low speed electric mixer to obtain a homogenous, lump-free and pulpous mix. Use only clean dishes and tools because the possible remains of gypsum that might get in may significantly influence the setting time of the mortar. If used as a render apply the mixed material to the thickness required, then smooth it out when it starts setting. If used as a skimming plaster after spreading, use a slightly wet sponge trowel to dampen the rendered surface, then smooth the top coat out with a trowel. Use is recommended between +5°C and +35°C.	
Technical data	Compressive strength:	≥ 2,5 N/mm ²
	Bending strength:	≥ 1,0 N/mm ²
	Spreading rate as per standard:	approx. 1,200 l/t, approx. 120 m ² /to/10 mm approx. 2,4 m ² /20 kg/10 mm
	Mixing ratio:	approx. 7 dl water/kg
	Consumption:	approx. 8 kg/m ² /10 mm
	Thermal conductivity (table value):	λR = 0,32 W/mK
	Steam diffusion resistance coefficient:	μ < 8
	Pot life:	approx. 70-95 minutes
	Resistance to fire:	A1, non-combustible
	MSZ EN:	13279
	Declaration of performance number:	102927
	Tariff heading:	32149000
Packaging	Available in 20 kg paper bags, 50 bags/pallet, in heat-shrink wrapping in 5 kg paper bags, 160 bags/pallet, in heat-shrink wrapping	
Storage	In a covered place, in dry conditions, for approximately 12 months, in unopened bags	
Manufacturer	CASEA GmbH., Germany	
Distributor	Széria-Trans Kereskedelmi és Szolgáltató Kft. H-1116 Budapest, Adony u. 7, Phone: +36-1-466-7758 H-5300 Karcag, Tilalmai út 1, Phone: +36-59-311-333	

This data sheet was prepared to the best of our understanding. The data contained therein reflect our latest technical knowledge and observations. However, we shall not be held liable for the statutory provision of contents. Users shall honour any patent rights, and shall comply with the applicable laws and regulations at their own responsibility.