MC-Easyplan classic

Self levelling compound

BE SURE. BUILD SURE.

PRODUCT PROPERTIES

- Manual or machine application
- Resists damage from furniture casters
- Walkable after approx. 12 hours
- Compatible with underfloor heating systems
- Enhanced wear resistance
- Smooth finish
- Coating thickness: 3–15 mm in a single application

AREAS OF APPLICATION

- Suitable as a substrate all types of flooring, including ceramic tiles.
- Coating for high-traffic areas
- Floor coatings that do not allow vapor diffusion must be applied only to a completely dry subfloor.
- Areas with floor heating
- Suitable substrates: cement, cement-based screeds, calcium sulfate-based screeds, existing ceramic tiles

APPLICATION ADVICE

Substrate preparation: The substrate must be sufficiently rough, frost-free, load-bearing, absorptive and free of adhesion-impairing materials. Loose particles, old protective coatings, mud, dust, dirt, bitumen, etc., must be completely removed

Application: Before applying MC-EasyPlan Classic, install flexible strips in the joint areas. Mix the product with cold, clean water and stir continuously with a low-speed rotary mixer for at least 3 minutes. After mixing, pour immediately onto the substrate to the desired thickness. To prevent the accumulation of non-homogeneous particles, mixing must be continuous and uniform.

Material that has begun to set must not be remixed.

Note: Existing cracks must be repaired with EP resin. Absorbent substrates should be primed with D 11, allowing the primer to dry until it forms a waterproof layer. It is recommended to test residual moisture in cement-based and calcium sulfate-based floors. For non-absorbent substrates or old ceramic tiles, apply D 20 Speed primer.

Additional information: Existing joints in the substrate must be considered when planning the work. The maximum surface area for application must not exceed 40 m². Moisture rising from the substrate must be effectively blocked using appropriate technical solutions.

MC-EasyPlan Classic is used as is and must not be mixed with additives. The product's composition is optimized for maximum performance without further modifications.

Under conditions of low humidity, high temperatures, or direct sunlight, the surface must covered once it becomes walkable to prevent complete drying. Due to application, color variations and marks on the surface caused by the squeegee or spiked roller may occur.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Water addition	l	approx. 6.5	per 25 kg
Working time	minutes	approx. 30	
Consumption	kg/m²/mm	approx. 1.5	
Maximum layer thickness	mm	15	For 15 to 30 mm layer thickness, add 30 % quartz sand MC-EasyPlan Classic : Quartz sand = 25 kg : 7.5 kg
Application conditions	°C	≥ 5 < 30	air and substrate temperatures
Flexural strength	N/mm²		
24 h		> 2	
7 d		> 4	
28 d		> 5	
Compressive strength	N/mm²		
24 h		> 8	
7 d		> 15	
28 d		> 25	
Time interval for overcoating			
Ceramic tiles or natural stone	hours	24	
Textile floor	hours	24	layer thickness < 10 mm
	hours	48	layer thickness > 10 mm
Wooden floor	hours	24	layer thickness < 5 mm
	days	4	layer thickness > 5 mm
Accessible after	hours	12	
Fully dry	days	7	
Maximum load	days	7	

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Material base	Cement mixture with mineral binders and additives
Cleaning agent	Water, while the material is still fresh. After drying, use a cement cleaner
Color	grey
Delivery form	25 kg sack (pallet: 48 x 25 kg)
Storage	Can be stored in cool and dry conditions for at least 9 months in original unopened packs.
Packaging disposal	Make sure single-use containers are completely empty.

Safety instructions
Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : ZP1