



MELO ground coat

Product Description

Organically bound acoustic plaster, containing natural and recycled mineral fillers.

Technical Specification

Material	Water based plaster with polymeric binders, natural and recycled mineral fillers
Item Number	m002 (standard white) m003 (colored)
Reaction to Fire	A2, s1-d0 (EN 13501-1)
VOC-Emission	VOC Class A+
Grain Size	0.25 - 0.5 mm
Consumption	2.6– 2.8 kg/m ²
Colour	NCS S 0300-N / Other Colors according to Color chart or on request
Light Reflexion	79%
Lightness	L- Value: 91-92 % (standard white)
Weight/Content	Delivery weight: Gross approx. 9.1 kg/Net approx. 8.3 kg Mixed approx. 10.6-10.7 kg net

Delivery

Delivery form	Cardboard box (350 x 350 x 300 mm) Plastic buckets (25 L and 50 L) available on request
Delivery Information	Frost-free transportation and storage / Protect from direct sunlight / Store in a dry place / Can be stored up to 18 months under above conditions

Material Preparation

Fill the required quantity of clean water into a clean bucket. Quantity of water approx. 2.4 liters for approx. 10.6 kg net mixed material (content of 1 cardboard box)

Add binder concentrate and mix thoroughly with the water in the bucket, stir 30 sec.
Add filler material out of the bag and mix to get to a creamy, homogeneous coating material.

Note: The ready-mixed MELO Ground Coat should be applied within a timeslot of maximum of 48 hours. When stirring up after first use, add water until reaching ideal consistency.

Application

MELO ground coat will be applied in two passes on the mineral wool panels, using a stainless-steel notched trowel and a stainless-steel smoothing trowel.

1. First pass: Apply a thin contact film (0.5-1 mm thickness) over the already glued and sanded mineral wool panels. If necessary, fill any gaps at the panel joints and damaged spots of the mineral wool panels. Mineral wool texture may slightly be visible after the first pass.
2. Let contact film dry 24 to 48 hours. Prepare surface for the second pass by roughly sanding the surface, to remove the coarsest unevenness.

3. Second pass: Apply material with 3 x 3 mm notched trowel over the entire surface and smoothen it into a flat, even surface. Final smoothing latest after 20 minutes.
4. Before the next step, observe drying time and room conditions → min. 24 hours / 1 mm layer thickness.
5. After complete drying, thoroughly sand the entire surface with a sanding grid (P120 - P180).
6. Ensure that the surface results in a flat, regular and uniform texture.

Warranty

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