

TECHNICAL DATA SHEET

KEMATERM PL-MOSAIC

Ready-to-use organically bound thin-layer finishing coat



PRODUCT DESCRIPTION	Hydrophobic, especially resistant coloured stone finish for indoors (e.g. staircases, etc.) and outdoors, in particular in plinth area. Industrially prepared decorative coloured mortar based on organic binders. Available in 24 colour tones in the colour chart.
Field of use	Pasty, washable, mechanically resistant and sufficiently steam-permeable finishing mortar, simple to use, for indoor and outdoor usage on mineral surfaces, particularly suitable for foundations.
Product properties	<ul style="list-style-type: none"> • Precoating with KEMATERM GRUND 210 • Weather-resistant • Water-repellent • Easy to work with • High mechanical stress and load resistance • Washable

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INSTRUCTIONS FOR USE	
Consumption	approx. 5.5 kg/m ²
Base	<p>The examination of the plaster base must be performed according to ÖNORMs (Austrian standards) B 2230 and B 3346. The base surface must satisfy the following requirements: clean, dry, free of frost, free of dust, not water-repellent, free of efflorescence, supporting and free of loose parts.</p> <p>Suitable on:</p> <ul style="list-style-type: none"> - Lime/cement and cement plasters spread thin - Concrete and other mineral base surfaces - Lime/gypsum, gypsum/lime and gypsum plasters <p>Conditional suitability on:</p>

	<p>- Heat insulation composite systems in the ground course area (observe brightness reference values, see KEMA colour table)</p> <p>Not suitable on:</p> <ul style="list-style-type: none"> - Lime finishes - Heat insulating plasters
Base preparation	<p>- Mechanically remove chalking or sanding surfaces as well as sinterskin or consolidate if applicable (depth primer, resting period: min. 12 hours!)</p> <ul style="list-style-type: none"> - Remove paint and oil films, distemper with paint/oil remover, treat with hot vapour jet - Remove forming oil residues on concrete with hot steam or commercially available special forming oil removers. - Surfaces with dirt/contamination and/or algae growth: mechanically clean or treat with hot vapour or special agent - Mechanically remove weathered mineral paint with bad adhesion properties - Damaged or cracked surfaces: repair with stopper <p>Normally, all base surfaces must be pre-treated with Kematerm Grund 210. Resting period: at least 24 hours.</p>
Mix ratio	KEMATERM PL-MOSAIC is ready-to-use compound, so nothing is allowed to add.
Mix time	Mix KEMATERM PL-MOSAIC top coat thoroughly before application.
Mix tool	Use slowly turning agitator.
Installation	<p>If required, add a little water to improve processing consistency (max. of 1% clean water). Apply KEMATERM PL-MOSAIC finish with a stainless steel trowel in grain thickness and smoothen while wet, working always in the same direction and without leaving any gaps.</p> <p>Do not mix with other coating substances. Work evenly and without interruption.</p> <p>Structure of coats:</p> <ul style="list-style-type: none"> - 1xKEMATERM GRUND 210 - 1xKEMATERM PL-MOSAIC <p>As colour differences can occur when different batches are used (owing to the natural raw material involved), we recommend you use just one batch or that you mix the individual batches together prior to application.</p>
Tool	For application we choose stainless steel trowel and for spreading a plastic plasterers float.
Cleaning of tool	Clean tools immediately after the use before adhesive hardens. Hardened material on tools can only be removed mechanically.
LIMITATIONS	
Base temperature	+5°C min./ +30°C max.
Air temperature	+5°C min./ +30°C max.
Material temperature	+5°C min./ +30°C max.
Warnings	<ul style="list-style-type: none"> • The air, material and base temperature during processing and binding must exceed +5°C. • Protect facade against direct solar irradiation, rain or strong wind. As KEMATERM PL-MOSAIC dries, it will lose the milky colour of the freshly applied finish. • High air humidity and/or low temperatures (for instance late autumn) can extend the drying time considerably. • If exposed to humidity, the finish may briefly turn a "milky" colour at a later stage during the drying process. Avoid rising moisture from the base (supporting walls, enclosures, eaves, etc.). • If KEMATERM PL-MOSAIC finish is applied below ground (gutter pavement, etc.), use appropriate sealing to protect the finish in this area against moisture. • A uniform colour appearance can only be guaranteed if the products all come from a single batch. • All base surfaces must be pre-treated with KEMATERM GRUND 210 primer. (Resting period: at least 24 hours) <p>Recommendation: Remains of the unhardened/unset material have to be removed in accordance with the legislation.</p> <p>Data source: All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.</p> <p>Local restrictions: Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.</p>
SAFETY DATA	Protect your eyes and skin as well as the surroundings of the surfaces to be coated, in particular glass, ceramic, clinker, natural stone, paint and metal surfaces. If splashes occur, remove them by rinsing off with lots of water. Do not wait until the finish has dried and cured.
OTHER INFORMATION	
Quality assurance:	Internal quality assurance is provided by our factory laboratories. Our system of regular production checks is externally controlled by an approved institute.
LEGAL BASE	
<p>Information and recommendations related to use of KEMA products are presented in good faith and believed to be correct. The later is based on our knowledge and experience with the products. Information is supplied upon the condition that products are stored and used according to the recommendations and the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to Information or the product to which information refers. In no event will KEMA be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to the use any product, process, equipment or formulation in conflict with any patent, and KEMA makes no representation or warranty, expressed or implied that the use thereof will not infringe any patent. All orders fall under current sales and supply conditions. The user should always check the latest technical sheet available upon demand.</p>	