

Capatect Keramikkleber 084

Mineral thin-bed adhesive for laying split tiles and ceramic cladding in Capatect façade systems



Product Description

Field of Application	Thin-bed adhesive for laying split clinkers, facing bricks, ceramic tiles and slabs in the Capatect façade systems. Bonding of ceramic tiles and slabs on other suitable, load-bearing, mineral substrates.
Material Properties	<ul style="list-style-type: none"> ■ C2 TE S1 according to DIN EN 12004 ■ Water-repellent ■ Water vapour permeable ■ High adhesive strength ■ Specially suitable for use in external thermal insulation composite systems ■ Malleable cementitious mortar for increased requirements
Packaging/Package Size	25 kg bag
Colours	Cement grey
Storage	Cool, dry and frost-free Protect from direct sunlight. Shelf life of the tightly closed original packaging: min. 12 months.
Technical Data	<ul style="list-style-type: none"> ■ Apparent density of hardened mortar: Approx. 1.50 g/cm³ ■ Adhesive tensile strength: <ul style="list-style-type: none"> ≥ 1.0 N/mm² according to DIN EN 1348 after dry storage ≥ 1.0 N/mm² according to DIN EN 1348 after warm storage ≥ 1.0 N/mm² according to DIN EN 1348 after freeze-thaw storage ≥ 0.5 N/mm² at least 30 min. according to DIN EN 1346 extended open time ■ Fire behaviour: Class A2-s1, d0 according to DIN EN 13501-1 ■ Coefficient of water absorption: $w < 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$ according to DIN 52617 ■ Vehicle / Binding agent: Polymer modified mineral binder according to DIN EN 197-1
Product No.	084



Note	<p>The application is generally carried out according to the rules of the craft for the installation of ceramic tiles and slabs on the façade according to DIN 18515-1. On the building project, the approved planning documents, in particular the joint and installation plan, must be adhered to.</p> <p>The "allgemeine bauaufsichtliche Zulassung" (general building authority approval) / "allgemeine Bauartengenehmigung" (general type approval) of the ETICS or the product and the data sheets of the products must be observed.</p>
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Application

Substrate Preparation	<p>All substrates must be load-bearing, even, clean, dry and free from adhesion-reducing substances. The laying substrate must be level and plumb according to DIN 18202.</p> <p>When using ceramic claddings with a side length ≥ 49 cm, the evenness of the surface of the hardened base coat must not exceed a pitch of 2 mm, related to the maximum edge length of the cladding to be applied.</p>
Method of Application	<p>Adhere ceramic cladding according to the combined method according to DIN EN 12004 (floating-buttering method). Apply the thin-bed adhesive to the substrate with a toothed trowel (toothing according to the substrate condition, the tile size and the condition of the tile back). In addition, apply the thin-bed adhesive in an evenly thin layer to the back of the cladding.</p> <p>Only apply as much adhesive as can be laid with cladding before the skin forms. Press the ceramic cladding into the wet mortar bed with a light pushing movement.</p> <ul style="list-style-type: none"> ■ Ceramic: 8 mm teeth ■ Split clinker: 10 mm teeth ■ Clinker brick slips: 10 mm teeth <p>The joints between the tiles or slabs are to be made with sufficient width depending on the format. As a rule, the joints are smoothed or scraped out to an even depth corresponding to the thickness of the tiles or slabs after the tiles or slabs have been laid and before the cladding adhesive has set. Loose mortar residues must be removed.</p>
Consumption	<p>approx. 6.0 kg/m² depending on the selected toothing of the toothed trowel.</p> <p>Guide values without bulk and shrinkage loss. Object-dependent or processing-related deviations must be taken into account.</p>
Application Conditions	<p>During the application and in the drying phase, the ambient and substrate temperatures must not be below +5 °C and above +30 °C. Do not apply in direct sunlight, strong wind, fog or high humidity. In this context, we refer to the leaflet "Verputzen, Wärmedämmen, Spachteln, Beschichten bei hohen und tiefen Temperaturen" from the Bundesverband Ausbau und Fassade (Federal Association for Finishing and Facades).</p> <p>In case of unfavourable weather conditions, suitable measures must be taken to protect the processed facade surfaces.</p>
Drying/Drying Time	<p>approx. 2-3 days depending on temperature, wind and relative humidity. Allow sufficient drying time until subsequent grouting.</p> <p>If necessary, protect the finished surface with suitable measures until sufficient weather resistance has been achieved</p>
Tool Cleaning	<p>Immediately after use with water.</p>
Material Preparation	<p>Pour the 25 kg powder of a bag slowly into approx. 7,0-7,5 l of tap water, while stirring intensively with a low-speed electric paddle or a compulsory mixer until a homogeneous, lump-free mix is achieved. Allow material to mature for approx. 3-5 minutes and then mix thoroughly.</p>

Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)	<p>Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not breathe dusts or mists. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Wear protective gloves/ eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. Store locked up. Contains: Cement, portland, chemicals, quartz (respirable dust). Aqueous cement suspensions have an alkaline effect.</p> <p>Additional advice: Wear long pants! Avoid prolonged skin contact with the plaster. Immediately clean affected skin thoroughly with water. The longer fresh plaster remains on your skin, the greater the risk of serious skin damage. It is essential to follow the manufacturer's occupational safety instructions during the application phase.</p>
Please Note (Status as at Date of Publication)	<p>Note on CE marking: The CE marking is affixed to the bag. The declaration of performance can be found on the Internet at www.caparol.de.</p>

TECHNICAL INFORMATION NO. 084

Disposal	Can be landfilled after concentration, when in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Giscode	ZP1
Customer Service Centre	Tel.: +49 6154 71-71710 Fax: +49 6154 71-71711 e-mail: kundenservicecenter@caparol.de
	International Distribution: Please see www.caparol.com



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All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.084 · Capatect Keramikkleber 084 · Issued: August 2023

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