

Capatect-Klebe- und Dichtungsmasse 114

Solvent-free, two-component, bituminous adhesive adhesive and sealing compound



Product Description

Field of Application	<p>Flexible, solvent-free, 2-component bitumen adhesive for bonding Capatect perimeter insulation boards made of polystyrene and XPS rigid foam to bituminous waterproofing and to other load-bearing waterproofing in the subsoil area.</p> <p>Also suitable for vertical surface waterproofing of building component surfaces in contact with the ground as a bitumen thick coating according to DIN 18533.</p>
Material Properties	<ul style="list-style-type: none"> ■ Stable, trowelable consistency ■ Flexible after curing and drying ■ High initial adhesion and smooth application ■ Functional even under exposure to moisture ■ Resistant to ageing and rotting ■ Solvent-free
Packaging/Package Size	<p>30 kg combi-packaging Liquid component A: 22 kg (bitumen emulsion) Powder component B: 8 kg (hydraulic binder)</p>
Colours	black
Storage	<p>Cool, dry and frost-free. Protect from direct sunlight and temperatures > 35 °C. Shelf life 1 year from date of manufacture in original sealed packaging.</p>
Technical Data	<ul style="list-style-type: none"> ■ Density: Mixed material 1.20 kg/l ■ Dry film thickness: 1 mm dry corresponds to 1.43 mm wet ■ Fire behaviour: Class E according to DIN EN 13501-1 ■ Consistency: unmixed: powdery and liquid mixed: pasty ■ Curing / Through hardening/curing: after 2 days approx. ■ Mixing ratio: 22 parts by weight Part A : 8 parts by weight Part B ■ Rain resistance: after approx. 4 hours according to DIN EN 15816 ■ Pot life at 20 °C: approx. 1.5 hours at 20 °C
Product No.	114



Application

Substrate Preparation	<p>The substrate must be even, clean, solid, load-bearing and free from separating substances. It must be matt damp, but not wet. Protruding concrete or mortar burrs, contamination by soil, old non-load-bearing bitumen sealants or similar must be removed. Chamfer or break corners and edges. Close cavities > 5 mm with suitable mineral mortars.</p> <p>Open joints of 2-5 mm must be closed by scratch filling with "Capatect Klebe- und Dichtungsmasse 114" or suitable mortars.</p> <p>In case of slightly absorbent substrates, apply "Capatect Klebe- und Dichtungsmasse 114" as scratch filler to avoid blisters. Prime absorbent mineral substrates with "Capatect Klebe- und Dichtungsmasse 114" (diluted 1:1 with water).</p>
Consumption	<p>Waterproofing primer: approx. 0.1-0.2 kg/m² (diluted 1:1 with water)</p> <p>Scratch coat: approx. 1-2 kg/m² (diluted with 5 % water)</p> <p>W1-E Soil moisture and non-pressing water: ≥ 5.1 kg/m² (4.3 mm wet), (min. 3 mm dry).</p> <p>W2.1-E moderate impact of pressing water: ≥ 6.8 kg/m² (5.7 mm wet), (min. 4 mm dry, two-layer with mesh insert).</p> <p>W4-E Splash water at plinth area: ≥ 5.1 kg/m² (4.3 mm wet), (min. 3 mm dry).</p> <p>For the use as adhesive for insulation boards: approx. 1.5-2.5 kg/m² for spot bonding, other bonding methods increase consumption.</p> <p>Consumption values may vary depending on the roughness of the substrate. If necessary, check by trial coating. Observe layer thickness allowances according to DIN 18533.</p>
Application Conditions	<p>During application and in the curing phase, the ambient and base coat temperatures must not be below +5 °C and above +30 °C. Do not apply in direct sunlight, strong wind, fog or high humidity.</p> <p>Apply additional layers only after the previously applied layers have sufficiently solidified. Protect dry coats from mechanical damage and UV radiation.</p>
Drying/Drying Time	<p>Depending on the substrate, temperature, humidity and layer thickness, the curing time is approx. 1-2 days.</p> <p>These times are longer at lower temperatures and higher humidity. The material must be sufficiently dry before carrying out subsequent work.</p>
Tool Cleaning	<p>Tools can be cleaned with water when fresh. When dry, use solvent-based thinner.</p>
Application	<p>"Capatect Perimeterdämmplatten" are to be bonded to the vertical building waterproofing with "Capatect Klebe- und Dichtungsmasse 114" for thermal insulation in the area in contact with the ground (perimeter). The bonding method is based on the existing water exposure class. The "Capatect Perimeterdämmplatten" must be laid tightly butted in a bond and lie flat on the substrate in the wall area. Cross joints must be avoided.</p> <p>For water exposure class W2.1-E according to DIN 18533, the "Capatect XPS-Perimeterdämmplatten" must be bonded over the entire surface.</p> <p>For the respective bonding methods depending on the water exposure class, refer to the insulation approval or the installation instructions of the insulation manufacturer for the existing application.</p> <p>Note: The application of "Capatect Klebe- und Dichtungsmasse 114" as adhesive in the wall base area is not recommended, as level differences or misalignments in the bonded insulation boards are to be expected, especially with high adhesive layer thicknesses.</p>
Precondition by Customers	<p>A prerequisite for the installation of perimeter insulation is a building waterproofing system on site that meets the prevailing requirements.</p> <p>The current regulations and available test certificates must be observed during planning and execution.</p>

Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)

Component A:
 May cause an allergic skin reaction. If medical advice is needed, have packaging or label at hand. Keep out of the reach of children. Do not get in eyes, on skin or on clothing. Wear protective gloves/eye protection. IF ON SKIN: Wash with plenty of soap and water. Contains: 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one. This product is a "treated product" according to EU Regulation 528/2012 (not a biocidal product) and contains the following biocidal active ingredients: pyrrithione zinc (CAS No. 13463-41-7). Hotline for allergy enquiries: 0800/1895000 (free of charge from the German fixed network).

Component B:
 VOC content according to Directive 2004/42/EC <1 g/l.
 Causes skin irritation. Causes serious eye damage. If medical advice is needed, have packaging or label at hand. Keep out of the reach of children. Do not breathe dust or mist. Wash hands thoroughly after use. Wear protective gloves/eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue rinsing. Immediately call POISON CENTER/doctor. Contains: Cement, Portland, chemicals, hexacalcium hexaoxotrisdialuminate(12-), dialuminium calcium tetraoxide. Use dust filter P2 when grinding. Aqueous cement slurries have an alkaline effect.

Disposal

Component A:
 Dispose of liquid material residues at the collection point for old paints/lacquers, dispose of dried material residues as construction and demolition waste or as municipal or household waste.

Component B:
 Can be deposited after solidification in compliance with local authority regulations.

Giscode

■ Flüssigkomponente (A): BBP10
 Pulverkomponente (B): ZP1

Further Details

Note on CE marking:
 The CE marking is affixed to the container and to the CE marking data sheet, which can be downloaded from the Internet at www.caparol.de.

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