

Capadur Repair AS

2-component, wood repair compound for refinishing exterior and interior wood component parts.



Product Description

Field of Application

Wood repair compound for refinishing damaged spots, i.e. suitable for repairing dimensionally stable, limited stable or unstable wood component parts. For example, the product is usable for finishing open timber joints, for filling cracks and holes and for reprofiling splittings and defects. For exterior and interior use.

Material Properties

- Solvent-free.
- Hard-elastic.
- Excellent application stability (non-sagging).
- Good texturing properties.
- Sanding, drilling and milling is possible (hardened product).
- Recoatable with Caparol enamels and wood stains/glazes.

Material Base / Vehicle

Epoxy resin

Packaging/Package Size

Set of two plastic cartridges, 300 ml each (Component A + B).

Colours

Kiefer (Pine)

Storage

Keep in a cool place. Partially used cartridges should be tightly closed using screw caps, included in delivery. Shelf life of original (unopened) cartridge: 24 months.

Technical Data

Density: Approx. 1.2 g/cm³

Suitability according to
Technical Information No. 606
Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	+	+	+	+
(-) inapplicable / (○) of limited suitability / (+) suitable				



Application

Suitable Substrates	<p>Wood component parts (dimensionally stable, limited stable or unstable).</p> <p>Defects on wooden parts (rottenness/decay) indicate wetness due to dammed-up water. They are normally caused by structural defects which must be repaired before using Capadur Repair AS. Histolith® Sanopas-Holzrissspaste can be used instead, when timber framing has to be repaired considering aspects of care and preservation of ancient monuments.</p> <p>Maximum permissible wood moisture content: 15 %.</p>
Substrate Preparation	<p>Check all wood component parts very thoroughly for structural defects and remedy deficiencies properly in a technically correct manner.</p> <p>Shape/mill all cracks and open timber joints min. 5 mm wide and 5 mm deep. Completely remove all decomposed or insufficiently stable wood by shaping/milling or sawing. (Suitable tools: Fein Multimaster or spherical-head shaper, delivered by miscellaneous manufacturers). Thoroughly remove all wood dust.</p>
Mixing Ratio	<p>Mix component A and B in ratio 1 : 1 (parts by volume).</p>
Method of Application	<p>Mixing: Cut cartridges above thread of screw and insert both cartridges (component A + B) in a suitable dual cartridge caulking gun. Alternatively two normal caulking guns can be used. Press two threads of component A + B in same length and required quantity onto a wooden board for mixing, side by side, and close the cartridges using delivered threaded caps.</p> <p>Mix both components thoroughly with a scraper, until a homogeneously coloured and streak-free wood repair compound is achieved.</p> <p>Note: Always use a board for mixing in order to prevent blistering by pressing out all air cells/bubbles with the scraper. Do not amass the filling compound on the (mixing) board but spread out. Accumulation of mixed product will cause a diminished pot life due to heat of reaction.</p> <p>Application: Impregnate defective areas with Capadur Repair P. Allow the primer to flash off for min. 20 minutes (but no longer than max. 2 hours), then apply wood repair compound Capadur Repair AS onto the primer. Note: The primer must not be moist. Remove all excess product with a cloth. In a first working step apply a fine layer of Capadur Repair AS onto the wood surface by scraper, in order to achieve a proper wetting (grip/adhesion). Then fill the defect with Capadur Repair AS. Fill deeper defects wet on wet in layers of max. 5 mm. Thus a proper densification is obtained and blistering is avoided. Fill all defects with a little overspill. Excess product can be sanded the next day flush to the surface, at the earliest after 16 hrs. (at 20 °C and 60 % relative humidity).</p> <p>Fill the repair compound with fitted bits of wood, when repairing large defects. Take care to provide for a min. 5 mm wide joint of repair compound on all sides between the filling bits of wood and the wood component part. Prime all contact surfaces with Capadur Repair P and, after a flash off time of 20 minutes (2 hrs. at the latest), apply Capadur Repair AS onto the full surface. Lay in all bits of wood avoiding blistering and remove all excess product with a scraper.</p> <p>Capadur Repair AS is no spackling compound (putty/body filler/surfacer)! Repair patches must be min. 5 mm deep and wide (minimum layer thickness).</p> <p>Thoroughly sanded surfaces can be coated with Caparol enamels and wood stains/glazes. Always check previously for compatibility, when products of other manufacturers are used.</p>
Workability	<p>Pot (working) life: Approx. 30 minutes at 20 °C air temperature. Pot life is shortened at higher temperatures. Avoid application under a glaring sun (on sun-heated surfaces).</p>
Application Conditions	<p>Processing temperature during application & curing: Min. 10 °C up to max. 30 °C (substrate, product and ambient air). Maximum permissible relative humidity: 85 %.</p>
Drying/Drying Time	<p>Drying/curing times at 20 °C and 60 % RH: Dust dry after approx. 4 hours. Can be sanded after approx. 16 hours. Recoat after approx. 16 hours with waterborne or solvent-based Caparol primers, wood paints, enamels and stains/glazes. A previous intermediate sanding is obligatory. Chemically and mechanically stressable (fully cured) after approx. 7 days.</p>
Tool Cleaning	<p>With special cleaning wipes or with Disboxid 419 Verdünner (thinner).</p>

Advice

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

Mass (Component A):

Restricted to professional users.

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Wash skin thoroughly after handling. Avoid release to the environment. Wear protective gloves/ eye protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. 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: bisphenol-F epoxy resin MW <700, reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700), 1,6-bis(2,3-epoxypropoxy) hexane, Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with acrylic acid.

Hardener (Component B):

Restricted to professional users.

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Wash skin thoroughly after handling. Avoid release to the environment. Wear protective gloves/ eye protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. 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. Collect spillage. Store locked up. Contains: m-phenylenebis(methylamine), 2,4,6-tris (dimethylaminomethyl)phenol, trimethylhexane-1,6-diamine, bisphenol.

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authority. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.
In Germany: Only completely empty cartridges should be handed in for recycling. Dispose liquid and dried/hardened product as paints waste containing organic solvents or other dangerous substances. Non-hardened product residues are hazardous waste.

Giscode

RE1 (Germany)

Further Details

See Material Safety Data Sheet (MSDS).

Customer Service Centre

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