



RAMSAUER®
DICHTSTOFFE

650 BODEN KLEBER

(Floor adhesive)

Hybrid based 1-component adhesive

TECHNICAL DATA

Film characteristics: resilient cured film
Consistency: sag-resistant - pasty
Density (DIN 52451): ~1.63 g/cm³
Skin over time: approx. 22 min. (at +23°C/50% relative humidity)
Depth of cure: 2 mm after 24 hours (at +23°C/50% relative humidity)
Shore A (ISO 848): approx. 66
Processing temperature: +5°C to + 35°C
Shrinkage: ~ 4%
Building material class to DIN 13501: E
Packaging: 600 ml foil bags, cartons of 20 pcs. each; 1,800 ml foil bags, cartons of 6 pcs. each; 10 kg buckets
Colour: antique white
Storage life: 9 months in a cool and dry place

CHARACTERISTICS

650 BODEN KLEBER provides high and good initial tack. Its 1-component system makes it ready and easy to use. This adhesive is free from water and solvents and therefore compatible with solvent-sensitive materials. 650 BODEN KLEBER is easy to spread, sag-resistant, and highly stable in rib shape. The material causes virtually no swelling of wood and is also suitable for bonding of floors installed on top of floor heating systems. Its good and fast initial adhesion and its long open time make it easy and efficient to work with.

APPLICATION

650 BODEN KLEBER was designed specifically for the permanent and elastic bonding of various flooring types such as parquets and solid wood boards. Because of its good stability in rib shape and its excellent sag resistance, this material can also be used for bonding of baseboards, wooden wall panelling, etc. When bonding wall panelling or vertical



elements, they must be secured against sliding down until the adhesive has cured.

MEETS THE REQUIREMENTS OF IVD INSTRUCTION SHEET(S)

As of the date of publication of this data sheet this instruction sheet is available in German only.
No. 30: Montageklebstoff für Klebungen und Abdichtungen (Mounting Adhesive for Bonding and Sealing)

PROCESSING

650 BODEN KLEBER has an exceptional bonding spectrum encompassing a wide variety of substrates. This adhesive has been designed for an optimum processing temperature of +20°C. If necessary, it must be brought to the right temperature prior to use. Then, the adhesive must be applied to one side of the substrate and spread over a surface using a toothed spreader. Within the skin over time, the two materials to be adhered to one another must be joined and pressed together with pressure or tapped into place so as to be firm.

Make sure that the reverse-side surface of the parquet flooring is fully coated with adhesive. For processing, use a manual, battery powered or compressed air press. The curing speed can be accelerated with the help of additional moisture and higher temperatures. Filled in 1,800 ml foil bags, this adhesive is ideally suited for application with RM18 compressed air presses in combination with 200 mm, 300 mm or 400 mm flat nozzles.



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SUBSTRATES / PREPARATION

Substrates must be frost-free, able to bear loads, dimensionally stable, firm and free from dust, dirt, oil, grease, separating agents and loose parts. It depends on the nature of the substrate whether or not a primer coat must be applied. Substrates with a trowelled finish must be sanded thoroughly.

This adhesive is well-suited for bonding on wooden substrates, cement screeds, concrete, metal, tiles and ceramics. For use on any other substrates, please contact our application engineers.

VISCOSITY

The viscosity of the paste is temperature-dependent. It increases at low temperatures, while decreasing at high temperatures.

LIMITATIONS OF APPLICATION

This adhesive is not suitable for bonding of natural stone elements. Avoid any contact with materials that contain tar or bitumen or release plasticisers. Furthermore, this adhesive is not suitable for bonding of mirrors or coated glass units. It has

not been approved for bonding of roofing membranes and/or roofing films. This adhesive is not suitable for bonding in permanently wet or underwater areas.

SAFETY ADVICE

Avoid swallowing and prolonged or repeated skin contact. Keep out of the reach of children. Consult our Safety Data Sheet!

ADVICE FOR APPLICATION

Ensure good ventilation during processing and curing. In view of the wide variety of factors that may affect processing and application, users must always conduct a trial run before any actual use. Take the expiry date of the material into account. Storing and/or transporting the products during longer periods of time (several weeks) at elevated temperatures/humidity levels may shorten their storage life and lead to changes in

material properties. Prior to processing, users must verify that the sealant/adhesive is compatible with the (gaseous, liquid, or solid) building materials with which it comes into contact and that no damage or interferences can result. In the case of the surface bonding of vapour-proof substrates, one side to be adhered must be moistened (Caution! Puddles must be avoided!).

LIABILITY FOR DEFECTS

The information provided including but not limited to the proposals for processing and using our products is based on our knowledge and experience, usually at the time of going into print. The results of work may deviate from this information depending on the specific circumstances, in particular with respect to substrates, processing and environmental conditions. Therefore, neither this information nor any oral counselling shall constitute warranty or give rise to any liability on whatever legal ground for any specific result

of work, unless we acted intentionally or by gross negligence. Ramsauer warrants that its products will have the technical characteristics according to the Technical Data Sheets up to their expiry date.

Product users must consult the latest data sheet which is available upon request. Our current General Terms and Conditions apply which are available for download on our website www.ramsauer.at.



QUALITY YOU CAN RELY ON

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