

PRODUCT DATA SHEET

Casco Cascol Floor M1

M1 CERTIFIED WOOD ADHESIVE FOR GLUING OF TONGUE AND GROOVE OF LAMINATED PARQUET.



DESCRIPTION

Waterborne parquet adhesive for gluing of tongue and groove of laminated parquet.

USES

Suitable for joint and assembly gluing, for carpentry and furniture where a moisture resistant joint is needed

CHARACTERISTICS / ADVANTAGES

- High tensile strength
- High heat resistance
- Fast setting moisture resistance adhesive.
- Optimized viscosity for groove filling of laminated parquet of approx. 15 mm thickness

APPROVALS / CERTIFICATES

- EN 204/205 Class D3
- Emission class M1 for building materials.

PRODUCT INFORMATION

Composition	PVAC dispersion
Packaging	750 ml bottles
Colour	White with transparent glueline
Shelf life	Casco Cascol Floor M1 has a shelf life of 24 months from the date of production, if stored properly in undamaged, original, sealed packaging, and if the storage conditions are met.
Storage conditions	Casco Cascol Floor M1 shall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +30 °C.
Density	~1.00 kg/l
Solid content by weight	~45%
Consistency	Viscous

TECHNICAL INFORMATION

Service Temperature	-20°C to +70°C
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APPLICATION INFORMATION

Consumption	100-250 g/m ² , on hardwood and exotic wood species double spreading are recommended. For 15 mm laminated parquet an 0.75 l bottle covers 15-20 m ² .
Ambient Air Temperature	+18°C to +22°C
Substrate Moisture Content	5-14%, preferably 7-10%
Open Time	~5 min. max. (beech / beech, 23 °C)
Pressing Time	~10 min. min. (beech / beech, 23 °C)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate must be clean, dry, sound and homogenous, free from oils, grease, dust and loose friable particles. Casco Cascol Floor M1 adheres without primers and/or activators. The moisture contents of wood should be in the range 5 – 14 %, preferably 7-10%. Best results will be obtained if the material is freshly prepared by e.g. planing.

APPLICATION METHOD / TOOLS

Tools: Toothed towel, brush or roller, for parquet none.

After the necessary substrate preparation, shake the bottle well before the application. Apply Casco Cascol Floor M1 with a brush, toothed trowel or roller on one wood surface. When gluing hardwood and exotic wood, Casco Cascol Floor M1 should be applied on both bonding surfaces. Do not over apply since this would slow down the curing. Join the corresponding surfaces and apply a pressure of ~0.5-1.0 MPa within 10 minutes. Clean excess glue after clamping with a damp cloth. Softwood surfaces (e.g. pine) requires a pressing time of ~10 – 15 minutes at 23°C. Hardwood substrates (e.g. oak or teak) require longer pressing time. Large substrates requires a longer pressing time as well. The origin, type and moisture content of the wood as well as ambient conditions like temperature and humidity will affect both the open- and pressing time. When fitting dowels, the glue should be applied into holes.

FOR GLUING PARQUET

Read the instructions from the supplier of the floor parquet material thoroughly. Follow the supplier's individual instructions for applying the adhesive into the groove. Check that all tongues and grooves are free from dirt. Cut the nozzle and control the flow of the adhesive, which should be easily spread into the groove. Press together within 10 min. If the pressure is too high decrease the amount of adhesive gradually. The normal amount of adhesive is 5 – 6 g/m tongue and groove joint. This correspond to ~15 – 20 m² of 15 mm laminated parquet/0.75 litre bottle. Clean adhesive spillage from

the parquet floor immediately with a damp cloth. Dried adhesive can be cleaned with Casco Limtvätt or ethanol.

A pre-test is recommended as Casco Limtvätt might partly dissolve especially wood oil treated parquet. Ethanol is a milder but much weaker solvent. Let the adhesive dry for at least 12 hours before the floor is used.

CLEANING OF EQUIPMENT

Clean all tools and application equipment immediately after use with a damp cloth. Once cured, residual material can only be removed mechanically or with methanol.

FURTHER INFORMATION

- Safety Data Sheet

IMPORTANT CONSIDERATIONS

- The moisture content of the wood should not exceed 15%
- Not suitable for continuous water immersion
- Not freeze thaw stable
- Do not use at temperatures below +10°C
- Do not use Casco Cascol Floor M1 for load bearing constructions

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Casco products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or on the website www.casco.eu.

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