

PRODUCT DATA SHEET

Casco® Cascol Outdoor

FAST SETTING MOISTURE RESISTANT WOOD ADHESIVE

DESCRIPTION

Casco® Cascol Outdoor is a moisture/creep resistant fast setting wood adhesive for interior and exterior use.

USES

Casco® Cascol Outdoor is designed for joint- and assembly gluing as well as carpentry and furniture in dry or wet applications areas with frequent short-term running or condensed water/high humidity.

CHARACTERISTICS / ADVANTAGES

- Transparent glue line
- High heat resistance
- Fast setting
- Moisture resistant

APPROVALS / CERTIFICATES

- EN 204/205 Class D3
- EN 14256

PRODUCT INFORMATION

Composition	PVAC dispersion
Packaging	300 and 750 ml bottles
Colour	White, dries clear
Shelf life	At least 12 months from the date of production
Storage conditions	Stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +30 °C. In undamaged, unopened, original sealed packaging
Density	Approx. 1,09 kg/l
Solid content by weight	Approx. 50 %
Consistency	Viscous

TECHNICAL INFORMATION

Shear Strength	Ave 2,17 N/mm ²	(EN 204 D3)
Resistance to Static Load	≥ 19.2 d	(EN14256)
Service Temperature	-20 °C min. to +70 °C max.	

APPLICATION INFORMATION

Consumption	100–250 g/m ²
Open Time	Approx. 5-8 min. max. (23 °C)
Pressing Time	Approx. 20-30 min. (23 °C)

APPLICATION INSTRUCTIONS

For the application of Casco® Cascol Outdoor all generally accepted rules of building and construction apply.

SUBSTRATE PREPARATION

The substrate must be clean, dry, sound and homogenous, free from oils, grease, dust and loose friable particles. Casco® Cascol Outdoor 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

After the necessary substrate preparation, shake the bottle well before the application. Apply Casco® Cascol Outdoor with a brush, toothed trowel or roller on one wood surface. When gluing hardwood and exotic wood, Casco® Cascol Outdoor should be applied on both bonding surfaces. Do not over apply since this would slow down the curing. Clean excess glue after clamping with a damp cloth. Softwood surfaces (e.g. pine) requires a pressing time of 20–30 minutes at 23 °C. Hardwood substrates (e.g. oak or teak) require longer pressing time. Large substrates requires a longer pressing time as well. Fully cured after 8 hours at 20 °C.

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.

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

LIMITATIONS

- Not suitable for continuous immersion in water.
- Ensure wood doesn't contain excessive moisture (<15 %).
- Do not use at temperatures below +10 °C.
- Note: drying time is extended at low temperatures.
- Do not use for load bearing constructions
- Clean excess adhesive off glue line after clamping before adhesive dries with a damp cloth.
- Before staining / varnishing, sand off any excess adhesive from the wood.
- Ensure sufficient clamping pressure, especially important with radio frequency bonding.
- Use on Laminates: Only suitable for bonding small porous laminate strips. Do not use on non-porous or large areas of laminate. Use CONTACT ADHESIVE.
- EXTERIOR USE: All glue joints must be protected with impervious paint system when dry.

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

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.

Sika Sverige AB

Domnarvsgatan 15
Box 8061
SE- 163 08 Spånga Sweden
TEL: +46 8 621 89 00
info@se.sika.com
www.casco.eu

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