

## PRODUCT DATA SHEET

# Casco® Cascol Indoor

### FAST SETTING INTERIOR WOOD ADHESIVE

#### DESCRIPTION

Casco® Cascol Indoor is a fast setting wood adhesive for interior use with short pressing time and long shelf life.

#### USES

Casco® Cascol Indoor is designed for joint- and assembly gluing as well as carpentry and furniture on applications where water resistance is not required. Casco® Cascol Indoor could be exposed to occasional short-term running or condensed water or high humidity.

Casco® Cascol Indoor is suitable for gluing of hard or difficult wood.

#### CHARACTERISTICS / ADVANTAGES

- Short pressing time
- Hard glue line with low creep
- Especially good adhesion to hard and exotic wood
- Long shelf life
- Joint resistant to broad temperature range

#### APPROVALS / CERTIFICATES

- FprEN 204 D2/2

#### PRODUCT INFORMATION

Composition	PVAC dispersion
Packaging	100, 300 and 750 ml bottles
Colour	White with an opaque glueline
Shelf life	Casco® Cascol Indoor 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 Indoor shall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +30 °C.
Density	~1.08 kg/l
Solid content by weight	~47 %
Consistency	Viscous

#### TECHNICAL INFORMATION

Shear Strength	~9.3 N/mm <sup>2</sup>	(FprEN 205)
Service Temperature	+10 °C min. / +70 °C max.	

## APPLICATION INFORMATION

Consumption	60–200 g/m <sup>2</sup>
Open Time	~5 min. max. (beech / beech, 23 °C)
Pressing Time	~10 min. max. (beech / beech, 23 °C)

## APPLICATION INSTRUCTIONS

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

### SUBSTRATE PREPARATION

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Casco® Cascol Indoor adheres without primers and/or activators. The moisture content of the wood should be in the range of 5–14 %, preferably 7–10 %.

### APPLICATION METHOD / TOOLS

After the necessary substrate preparation, shake the bottle well before the application. Apply Casco® Cascol Indoor with a brush, toothed trowel or roller on one wood surface. When gluing hardwood and exotic wood, Casco® Cascol Indoor is 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 substrates (e.g. pine) required a pressing time of ~10–15 minutes at 23 °C. Hardwood substrates (e.g. oak or teak) require a longer pressing time. Large bond areas require 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 the 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

- The wood shall contain less than 15 % moisture.
- Sand off any excess adhesive before staining the wood.
- Do not use Casco® Cascol Indoor at temperatures below +10 °C.
- Do not use Casco® Cascol Indoor in areas with permanent moisture or condensate.
- Do not use Casco® Cascol Indoor for permanent wa-

ter immersion.

- Do not use Casco® Cascol Indoor for load bearing constructions.
- Do not over apply Casco® Cascol Indoor since this would slow down the curing.
- When gluing oak, the tannin might react with components present in the adhesive causing discoloration. To avoid such problems a pretest shall be made.

## 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](http://www.casco.eu).

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PRODUCT DATA SHEET  
Casco® Cascol Indoor  
March 2019, Version 01.01  
020513030000000078

CascoCascolIndoor-en-SECASCO-(03-2019)-1-1.pdf

