

Technical Data Sheet

# V100 Veneering Resin

V100 Veneering Resin is the smart choice for veneering and laminating. No mixing, quick open time and a rigid bond line mean exemplary results every time. Formaldehyde-free, solvent-free and built for precision.

With a quick open time of 8-10 minutes, Cascamite V100 keeps your workflow efficient and versatile. Perfect for hot or cold press bonding, its unique formula is formaldehyde-free, solvent-free and VOC-free, offering a safer and more sustainable solution without compromising on strength. Plus, the reduced bleed-through formulation ensures a pristine professional finish on every application. Cascamite V100 is now certified to Indoor Air Comfort GOLD - confirming its low emission rating and suitability for healthy indoor environments.

Cascamite Industrial V100 is more than an adhesive—it's a smarter, cleaner and faster way to bond.



## Benefits

Hot and cold press bonding	Solvent Free
No mixing needed	VOC Free
Fast curing	Rigid bond line
Formaldehyde Free	Reduces bleed through

## Technical Data

Brookfield Viscosity	11000 ± 1000 mPas
Specific Gravity	1.1
Minimum film forming temperature	4°C
Open time (20°C, 55% RH)	8 minutes
Coverage	90g - 110g/sqm
Pressing Pressure	2-3kg/cm <sup>2</sup>

## Available Sizes

5kg	25kg	1000kg
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## Available Colours

Beige	Clear
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## Preparation and Application

Ensure that the surfaces to be bonded are smooth, clean and free from dust or other deposits. Wood, plywood, laminated plastics should be of uniform thickness.

Cascamite V100 should be applied evenly to one substrate using a brush, hand roller or mechanical roller. Adhesive coverage between 90g and 110g sq/m is suitable depending on the surfaces to be bonded.

Ideally open assembly time should not be more than 8 minutes.

Lay the items to be bonded together within the workable time and press them for as long a time as is needed to achieve the required handling strength.

The pressure should be high enough to ensure contact of the parts over the entire area of the joint. Allow 24 hours for full strength to develop.

Cascamite V100, like all dispersions, may tend to show structuring, especially in cold conditions. This effect is generally reversible on slight stirring. Additionally, there may be some increase in viscosity, but this will not detract from the application properties or performance.

### Pressing Times

Cold Press Time						
Temperature	15°C	20°C	25°C	30°C	35°C	40°C
Time	15mins	12mins	10mins	8mins	6mins	5mins 30

### Hot Press Time

Temperature	55°C	60°C	65°C	70°C	75°C	80°C	90°C	100°C
Time	3mins30	3mins	2mins30	1min 30	1min	50secs	40secs	35secs

### Handling and Storage

Clean machines, equipment and tools with water before the adhesive dries. Cascamite V100 should be stored in the original containers in a cool, dry place, at a temperature range of between 5°C and 30°C. In these conditions it has a storage life of at least 12 months. Cascamite V100 must not be allowed to freeze and ideally should be warmed to at least 15°C before use.



DISCLAIMER: Due to the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate an ageing test and this test should be repeated if the substrates on which the this product is used are changed in any way or are purchased from a different source. During the evaluation and testing of the product, it is the purchasers/end user's responsibility to carry out appropriate actions for the protection of the environment, the health and safety of its employees and purchasers of its products. No employee of Ureka Global Ltd has any authority to waive or change the forgoing provisions. The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be made in writing to the head office of Ureka Global Ltd.

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