

JL10 Joinery Resin



Cascamite Industrial JL10 isn't just a resin, it's a smarter choice for modern joinery. Developed for professionals who demand ultimate performance, JL10 delivers exceptional bonding strength without the health and safety concerns often linked to conventional adhesives.

As the first joinery resin to achieve Indoor Air Comfort GOLD certification, JL10 sets a new standard for healthier indoor environments. Enabling compliance with BREEAM (EU) and LEED (USA) requirements, it helps manufacturers meet the highest levels of sustainability and air quality performance with confidence. With zero emissions, no formaldehyde, and no solvents, JL10 offers a safer, cleaner solution for users and indoor spaces alike. It's ready to use formulation streamlines application while reducing exposure to harmful substances, supporting safer workplaces.



JLJO cures rapidly to form a rigid bond line, ensuring structural integrity across a wide range of joinery applications. From furniture manufacturing to interior fit outs and structural panels, it delivers the strength and consistency needed for today's fast paced production environments. As well as giving a high strength bond, JLJO is water resistant, low hazard in use, and production ready, keeping workflows efficient while contributing to a cleaner, safer workspace.

Benefits

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

Accreditations

Indoor Air Comfort GOLD (Including LEED)	BREEAM International
French VOC Regulation	French CMR Components
Blue Angel (DE-UZ 113)	ABG/AgBB
Belgian Regulation	Italian CAM Edilizia
EMICODE	EU Taxonomy

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 ²

Available Sizes

1.2kg	6kg	12kg	22kg
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Available Colours

White

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 JLO 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 JLO, 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.

Curing Times

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

Handling and Storage

Clean machines, equipment and tools with water before the adhesive dries.

Cascamite JLO 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 JLO 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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