

Technical Data Sheet

CASCAREZ

LIQUID RESIN POLYMER GLUE



Cascarez is the ultimate fast grab wood adhesive. The exceptionally high solids content ensures that it's the fastest, strongest adhesive of its type. Used correctly it will bond most woods in 10 minutes and be ready to handle in 30 minutes. Bonds stronger than the wood itself achieved in less than two hours

Suitable for all woods and joinery, assembly of doors, window frames and furniture. Not suitable for continuous immersion in water. Ideal to use on cabinet making, general joinery, doors, window frames, furniture and kitchens.

BENEFITS

- Meets BS EN 204 D3
- Good water resistance
- Quick curing
- Very strong bond
- Suitable for hot or cold press
- Suitable for bonding with Radio Frequency equipment

TECHNICAL DATA

Brookfield Viscosity (25°C)	6000 – 14000 mPas
pH (25°C)	2.5 – 5.0
Solids content	43 – 49%
Colour	White
Coverage	125g per square metre

AVAILABLE SIZES

- 125ml
- 250ml
- 500ml
- 1ltr
- 5ltr
- 25ltr

PREPARATION AND APPLICATION

Joints should be smooth and well fitted. The surfaces to be bonded must be close fitting and free from dirt, grease or any other contamination that may interfere with the adhesion. Moisture content of timber should be 5 to 15 %. Abrading the surface of the joint before assembly is recommended.

Apply the glue using a stiff brush to one surface only. Assemble and clamp (pin or screw) the joint whilst the glue is wet. Keep the joint under pressure until set. A damp cloth can be used to remove excess wet adhesive.

Assembly should be carried out as soon as possible within the open time (approx. 5 minutes dependent on temperature and humidity). Pressing should be carried out after assembly whilst adhesive is still wet. A press time of 15 to 25 minutes is recommended at 20°C. In heated press the minimum process time can be reduced to 3 to 5 minutes at 70% Pressure should be 30 to 100 PSI.

HANDLING AND STORAGE

Clean down with warm water, with a little detergent added is recommended. Care should be taken to avoid drying out on equipment as water resistance makes cleaning difficult.

Store in unopened containers in a cool dry place away from direct sunlight.

COLD PRESS TIME

Temperature (°C)	15°C	20°C	25°C
Time (mins)	40	15	10

HOT PRESS TIME

Temperature (°C)	50°C	60°C	70°C	80°C	90°C
Time (mins)	3	2	1.5	1	30s

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.

Revision date: July 2023

