

Technical Data Sheet

Cascapur Fast Cure Polyurethane Wood Glue

Cascapur is a single component moisture curing polyurethane wood glue with excellent water-resistant characteristics. Cascapur meets the requirements of BS EN204 category D4 for water resistance.

Cascapur can be used for many applications where gap filling properties, high strength and a high level of water resistance is required. Cascapur has been successfully used for bonding many types of woods, plastic, foams and other insulating materials to a wide variety of both rigid and flexible facing materials, including wood, metals and plastics.



Benefits

Good water resistance	
Quick curing	
Suitable for hot or cold press bonding	
Very strong bond	

Technical Data

Brookfield Viscosity	3500 mPas
Solids content	100%
Specific gravity	1.1
Colour	Brown

Available Sizes

125ml	250ml	500ml	1Ltr	5Ltr	25Ltr
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Preparation and Application

Ensure that the surfaces to be bonded are smooth, clean and free from dust or other deposits. Metals should be stored in a warm environment prior to bonding to avoid chilling of the glue line, which leads to extended cure times.

The glue is applied by bead, trowel or notched scraper, to one surface only of each glue line. The amount required will vary according to the porosity/smoothness of the substrates and the means of application, but will normally be in the range 80- 140 per m².

Once the glue has been applied the substrates should be clamped together until the cure has taken place. For best results, the glue should be over-misted with water (approximately 5-15% of water based on the glue coating weight is the optimum amount, excessive amounts of water should be avoided).

Allow 24 hours for full strength to develop. Higher levels of water resistance form more slowly and should be tested not earlier than 7 days after bonding.

Technical Data

Curing Table

Temperature	15°C	20°C	25°C
Open Time (Minutes)	10	6	3
Time (Minutes)	30	20	10

Handling and Storage

Cascapur when uncured can be removed with cleaning solvent such as Dichloromethane. Cured product will prove very difficult to remove, however, soaking in Dichloromethane overnight will soften the glue.

Cascapur is a moisture sensitive glue and if left in contact with the open atmosphere it will eventually gel. For this reason Cascapur is protected with a blanket of Nitrogen in the container prior to despatch, which forms a dry, inert layer on top of the glue. Cascapur should be stored in the original containers in a cool, dry place, at a temperature range of between 5°C and 25°C. In these conditions it has a storage life of at least 3 months. Once the container has been opened for use and the inert blanket replaced by moist air, the glue will have a limited life.



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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