

ANCHOR[®] AnchorResin 1528 UF Resin Adhesive

TECHNICAL DATASHEET

AnchorResin 1528 is an unmodified liquid urea urea formaldehyde resin adhesive, a highly reactive product designed to reduce the pressing cycle due to its high adhesion properties, whilst providing a long pot and spreader life.

- Liquid hardener reducing mixing risks
- Hot and cold press assembly work

Typical Applications

It is used for hot and cold press assembly work which includes veneering, sub-assemblies, flush door manufacture and constructional work where close contact joints cannot be guaranteed.

Mixing Instructions

It is recommended that all mixes should be gauged by weight not by volume to ensure accurate percentages. Ideally mixed in clean rubber or polythene containers is recommended. Mixing can be done either manually or mechanically depending on volumes. After mixing it is recommended to allow standing time to ensure entrapped air can be released.

Surface Preparation

Ensure all surfaces being bonded are clean and free from oil, wax or other water repellent materials and are dust free. Oily timber should be wiped with an appropriate detergent or degreasing solvent. Machined hardwood may become burnished and consequently water repellent which should be sanded prior to glue application. Plywood may present a similar problem. The ideal moisture content of the surfaces to be bonded should be between 5% and 15% with the moisture difference between the surfaces of no more than 3%.

Application

The mixed adhesive can be applied by brush, roller, hand applicator or mechanical rollers at a spread rate of 150-150g/m². Mechanical spreaders are more capable of achieving the lower end of the range.

Curing

UF Resin has little natural tack so pressure must be applied continuously throughout the curing period. For veneering a pressure of 1.0-3.5kg/cm² is required, for high frequency curing it may be necessary to increase the pressure.

Spreader Life

When applying the mixture by mechanical spreader the life in the spreader is approx. 75% shorter than static pot life due to the frictional heat and water evaporation from the adhesive.

Key Features

- Viscosity - Medium
- Coverage - 150-250g/m²
- Storage Life - 3 months @20C
- Handling - Protect from frost and direct sunlight
- Glue Line Pressure - 4-10kg/23C



Available in:

AnchorResin 1528 is available in 5kg, 25kg, 250kg and 1000kg drums

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Further Notes

Storage and Handling: Protect from extremes of temperature in a controlled environment between 10C and 20C, and away from direct sunlight. **DO NOT ALLOW THE PRODUCT TO FREEZE.** Keep containers closed to avoid contamination and do not mix with other adhesives.

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