

### ➤ Product Description

ANCHOR 1530 UF Resin is an unmodified liquid Urea Formaldehyde Resin Adhesive.

### ➤ Features

Anchor UF Resin 1530 is a highly reactive product designed to reduce the time of the pressing cycle due to its high adhesion properties, whilst providing long pot lives and spreader life.

### ➤ Areas of Application

- **Mixing:** It is recommended that all mixes should be gauged by weight and not by volume. The use of clean rubber or polythene containers is recommended.
- Mixing may be undertaken by hand although for larger mixes mechanical mixing is recommended.
- It is advisable that the mix be allowed to stand after mixing to allow any entrapped air to be liberated.
- **Preparation:** Ensure all surfaces to be 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 and 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 a moisture differential between 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 150-250 grams/square metre. Mechanical spreaders are more capable of achieving the lower end of the range.
- Urea Formaldehyde Resins have little natural tack so pressure must be applied continuously throughout the curing period. For Veneering a pressure of 1.0-3.5Kg/cm<sup>2</sup> is required at the glue line. For high frequency curing it may be necessary to use increased pressure.

### ➤ Typical Applications

- Anchor UF Resin 1530 is used for Hot and Cold Press assembly work.
- Veneering, Sub-assemblies, Flush door manufacture and constructional work where close contact joints cannot be guaranteed (use with gap filling hardener).
- Can also be used with High frequency curing techniques.

### ➤ Typical Properties

Description	Value
Viscosity	Medium
Tack Life	N/A
Coverage	150-250 gm/m <sup>2</sup>
Storage Life & Handling	3 months @ 20°C Protect from frost and direct sunlight
Glue Line Pressure	4-10 Kg/ 23°C
Packaging	25kg, 250kg, 1000kg
Viscosity	Medium
Tack Life	N/A
Coverage	150-250 gm/m <sup>2</sup>
Storage Life & Handling	3 months @ 20°C Protect from frost and direct sunlight

### ➤ Pot Life

Reaction will begin as soon as the resin and hardener are mixed. The time elapsing from the time of mixing to becoming unusable is the “pot life”. This will depend upon the hardener type, mix ratio and temperature.

### ➤ Spreader Life

When applying the mixture by mechanical spreader the “life” in the spreader is in the order of 75% shorter than the static pot life as a result of the frictional heat and water evaporation from the adhesive.

### ➤ Health & Safety

#### ALWAYS READ RELEVANT MATERIAL SAFETY DATA SHEET BEFORE USE.

Data herein is furnished for information purposes only, and is believed to be reliable. Redwood UK Ltd and any subsidiary companies cannot assume responsibility for the results obtained by others, over whose methods it does not control. It is the users' responsibility to determine suitability for the user's intended purpose of any product and any product method mentioned herein, and to adopt any such precautions as may be necessary to protect property and persons against hazards that may be involved in the handling and use thereof. We recommend that each prospective user test the proposed application to determine the suitability of this product for the purpose intended prior to incorporating any product or application in its manufacturing process using this data as a guide, Redwood UK Ltd accept no liability arising out of the use of this information or the products described herein.