



Anchorbond 3050

Heat Resistant Woodworking PVA

TECHNICAL DATASHEET

Anchorbond 3050 is a high performance PVA emulsion specially formulated for projects requiring high heat resistance, which meets the requirements of BS EN204/D3 and BS4071. Suitable for both hot, cold and R/F pressing the 3050 is an excellent project choice.

- Fast setting and creep resistant
- Excellent bond strength
- Ideal for laminating and furniture pieces, meets FR Class 0 and Class 1 on chipboard and MDF. Sufficient testing is required as substrates vary considerably

Surface Preparation

The surface temperature is ideally at between 15-20C to ensure effective and quick drying. The moisture content of the wood materials should not exceed 12%.

Application

The adhesive, substrate and ambient temperature should ideally be at 20C during the application process. Can be applied by serrated glue spreader, roller or a brush. The open time is dependent on temperature and the moisture content of the substrate.

Recommended coat weight of for cold pressing 100-160 grams per m², and the hot pressing recommendation is 70-120gsm².

Curing

Closed assembly time on standard board is 20 minutes and FR board is 7 minutes. Details on pressing times at different temperatures can be found on the Anchorbond 3050 PVA Adhesive Pressing Guide.

Full water resistance is achieved 7 days after bonding

Cleaning

Equipment should be cleaned with water whilst the adhesive is wet.



Key Features

- Polymer Type - PVA emulsion of vinyl acetate
- Solids Content - 50% ± 1%
- Viscosity (Brookfield RVT) - 150± 50 Pas @23C
- Coat Weight - 70-160gsm
- Open Time - <5 minutes
- Closed Assembly Time - < 20 minutes
- Press Time at 20C - 30-45 minutes
- Glue Line Pressure - 2-7kg/cm²
- Moisture content of substrate - 8-12%
- Radio Frequency recommendation - 2-4 minutes
- pH Value - 3



Available in:

Anchorbond 3050 is available in 5kg, 20kg and 1000kg containers



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Further Notes

Storage and Handling: Protect from extremes of temperature in a controlled environment between 10C and 40C, and away from direct sunlight. **DO NOT ALLOW THE PRODUCT TO FREEZE.** Store under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months. Keep containers closed to avoid contamination and do not mix with other adhesives.

Disclaimer

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