



# Technologies

## TECHNICAL INFORMATION GRIPIT 5837

### DESCRIPTION

**GRIPIT 5837** is a waterborne synthetic resin dispersion type adhesive designed for the woodworking/furniture industry for timber assembly work (i.e. rubbed joints, dowelling, laminating, pattern making, veneering, pressing), featuring high strength, quick development of bond and non-staining of timbers. It is particularly suitable for use with soft timbers, chipboard, ordinary MDF and hardboard. Can also be used with paper and paperboard. This adhesive complies with AS-2370 type I.

### TYPICAL PHYSICAL PROPERTIES - APPLICATION AND HANDLING

Raw Material Base	:	Synthetic resins.
Viscosity @ 25°C	:	Medium fluid (6,000 ± 1,000 cps).
S.G.	:	1.06 ± 0.05.
Colour (1)	:	White.
Odour (1)	:	Slight.
Cleaning / Diluting Agent	:	Water.
pH	:	Slight acidic (4.0-5.0)
Shelf Life	:	12 months.
Minimum Curing Temperature	:	10°C.
Applicators	:	Non-corrosive brush, squeeze bottle, syringe, roller type.
Application spread	:	150 - 200 gsm depending on condition of the timber surface.
Workshop, Timber & Adhesive Temperature (Pref.)	:	15°C min.
Timber moisture content % (Pref.)	:	8 - 12.
Open assembly time (200gsm. 70%RH,20°C)	:	8 - 10 mins.
Minimum pressing time (5kp/cm )	:	20 minutes.

Ensure adhesive is homogeneous before use. Application from plastic, stainless steel, or chrome-plated containers is recommended. After use brushes, rollers, glue baths and other equipment should be washed with water before the adhesive dries out. Combine and clamp before adhesive skins over (ASAP).



## **CHARACTERISTICS OF CURED ADHESIVE**

Appearance (1)	:	Water - clear, translucent.
Flexibility (1)	:	Minimal.
Residual Odour (1)	:	Nil.
Shear strength	:	High (2400N).

(1) *Relative values*

## **STORAGE DIRECTIONS**

Keep containers closed when not in use. Store indoors under ambient conditions. Do not leave metal-bound brushes immersed in the adhesive overnight. Store indoors under ambient conditions.

## **PRECAUTIONS**

Refer to the Material Safety Data Sheet (MSDS) before handling the product. Follow instructions for safe handling. Application under 10°C could result in bond failure.

## **TECHNICAL SERVICE**

Henkel Adhesives maintains a strong technical support group to investigate and advise on all adhesion matters. Please contact your local Sales Office.

## **DISCLAIMER**

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