



TECHIBOND™ ADHESIVES



TECHIBOND™ ADHESIVE – N100

DESCRIPTION & USES:

Techibond™ N100 is a solvent based, high solids, brush or scraper grade contact adhesive. It is formulated as a general-purpose adhesive suitable for bonding a wide range of materials including rigid laminated plastics such as Formica, melamine, rigid PVC sheet, polyurethane foams of the polyester and polyether types, supported PVC leather cloth, leather, polyester glass fibre, rubber sheet and extrusions; all of which may be bonded to each other or to hardboard, chipboard, wood, painted or unpainted metal.

Techibond™ N100 has also proved to be a multi-purpose adhesive in the shop/bar-fitting trades and in the boat building, furniture & footwear industries. This material has excellent ageing resistance.

PROPERTIES:

- Appearance: Golden brown liquid.
- Specific gravity: Approx. 0.87.
- Viscosity: Medium brushable syrup.
- Minimum open joint time: 10-15 minutes.
- Maximum open joint time: 30 minutes.
- Coverage: 3-4m² per litre.
- Shelf Life: 12 months.



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METHOD OF APPLICATION:

- To obtain the best possible results, the materials to be bonded should be dry, clean, and free from dust, grit, loose materials, oil, or grease.
- Using a brush or scraper, apply a thin an even coating of adhesive to both surfaces.
- Allow the solvent content to evaporate before bonding the materials. On permeable materials such as leather or chipboard, bonding may be possible within a matter of 2-3 minutes of application; or non-permeable materials (e.g. formica/metal) a minimum of 15 minutes should elapse before the surfaces are bonded.
- Where perfectly accurate pre-positioning of the components is possible, the solvents should be allowed to dry out for between 20 to 30 minutes before bonding. Alternatively, where a measure of "slide" is necessary to position the materials, or where the allowance is made for trimming off afterwards, the materials may be brought together some 2 to 3 minutes after application.
- THIS LATER TECHNIQUE IS NOT RECOMMENDED WITH IMPERMEABLE MATERIALS SINCE THE SOLVENT TRAPPED BETWEEN THE SURFACES WILL IMPAIR THE ULTIMATE BOND STRENGTH.
- Bond the materials under firm pressure.

Note: Additional information on physical properties, health hazards, storage, handling, and transport is available in the Safety Data Sheet (SDS).