



TECHIBOND™ ADHESIVES



TECHIBOND™ ADHESIVE – N93H

DESCRIPTION & USES:

Techibond™ N93H is a thick golden-brown liquid of brushing viscosity. Techibond™ N93H forms a strong, permanent contact bonds between the following materials: rigid P.V.C. sheet, polyurethane foams of the polyester and polyether types, supported P.V.C. 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. Rigid laminated plastics such as formica, melamine etc. may also be fixed with these adhesives. Typical coach-building operations to which N93H is suited include door and facia trim, roof headlining and parcel racks.

Techibond™ N93H has also proved very versatile in the shop-fitting and bar-fitting trades, and in the boat building, furniture, and footwear industries, where it is widely used as a multipurpose adhesive. This material has excellent ageing resistance.

PROPERTIES:

- Appearance: Light yellow liquid.
- Viscosity: Brushable liquid.
- Minimum open joint time: 10 - 15 minutes.
- Maximum open joint time: 45 minutes.
- Coverage: 3 - 4m² per litre.



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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 even coating of adhesive to both surfaces.
- Allow the solvent content to evaporate before bonding the materials. On permeable materials such as leather/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 20-30 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 2-3 minutes after application.
- THIS LATER TECHNIQUE IS NOT RECOMMENDED WITH IMPERMEABLE MATERIALS, SINCE THE SOLVENT THUS 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).