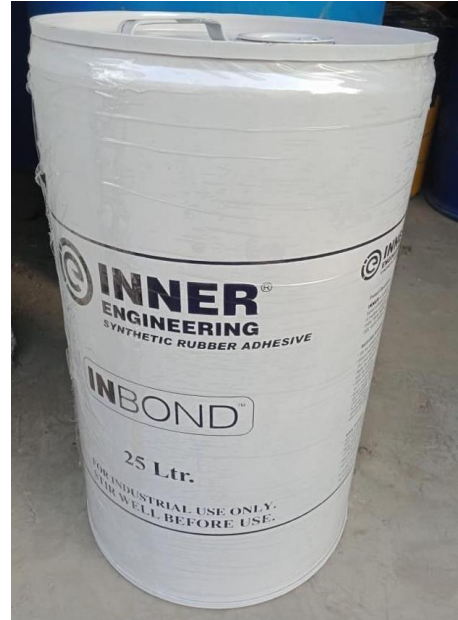


**IN**BOND™

**DESIGN COMFORT INSULATION**

**INBOND™** is synthetic rubber-based adhesive used for bonding of multiple substrates such as foam, rexene, leather, rubber, EVA, wood, laminate, fabric & jute.

- **Advantages:**
  - Good Adhesion strength
  - Quick drying
  - Easy to apply



Brief Description	Strong & flexible complete surface bonding of Elastomeric rubber to Elastomeric rubber & Elastomeric rubber to various galvanized and non-galvanized metal.	
Material type	Solvent based low VOC, Polychloroprene contact adhesive	
Color	Light yellowish to Brown	
Packing	25 ltr.	
Applications	Recommended to bond medium & low thickness of open & closed cell nitrile rubber, crossed link polyethylene, EPDM foam and similar elastomeric insulation to itself and HVAC duct, cold & hot pipelines, HVAC equipment & industrial jacketing, etc.	
Ingredients	Hazardous Ingredients	Approx. Composition (%)
	Polychloroprene	11
	Hydrocarbon Resin	8
	Hexane	29
	Toluene	52
Storage & shelf life	Up to 12 months in original unopened containers when stored indoors & away from direct sunlight. Product may become solid at temperatures below -37° C. Store in cool, dry & ventilated place. Keep away from direct sunlight, extreme temperatures & ignition sources.	

Health aspects	Avoid using in closed premises. Ventilation required preventing exposure levels from being exceeded.
Viscosity	600 CPS @27° C
Curing time	24 hrs
Odor	Petrol like
Specific gravity	0.88 g/cc
Solubility	Not soluble in Water
Fire property	Highly flammable
Flash Point	<10 ° C
Boiling / Freezing Point (° C)	N/A
Combustible	Yes
Application Instructions	<ul style="list-style-type: none"> <li>• Surfaces to be bonded must be clean, dry and free from dust, oil, etc. with clean cloth or cotton.</li> <li>• Before using, stir adhesive thoroughly to ensure mixing of solids which may have settled.</li> <li>• Use brush with short stiff bristles. Both surfaces to be bonded be thin coated with adhesive.</li> <li>• Do fingernail test after 5 to 10 minutes to check for tack dry before final assembly. If fingernail does not stick to the surface, the joint may be closed.</li> <li>• Wet seal before joining where it is not possible to allow the adhesive to tack dry like in butt joints.</li> <li>• A wet seal may be made by separating the surfaces, applying a thin film of adhesive and closing joint.</li> <li>• Press the surfaces together over the whole area to ensure overall contact.</li> <li>• Bonded surfaces can be handled within 1 hour for further process and may be used for normal service after 24 hours of curing time.</li> <li>• Do not mix any other solvent such as thinner or water with adhesive.</li> <li>• Adhesive to be applied in shadow area only.</li> </ul>
Pre-treatment of surface to be bonded	<ul style="list-style-type: none"> <li>• Clean dirty surfaces with clean cloth or cotton.</li> <li>• Compatibility with bases: Very good adhesion to metallic base.</li> <li>• Compatibility with colored coated surfaces: Adhesive needs to be tested Incompatible with: Asphalt, bitumen or red lead paint (In seed oil based).</li> </ul>

innerengineering.co.in



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