

TECHNICAL DATASHEET

Wembley's Durofix 535 – Rubber Based Contact Adhesive

Description :

Wembley's Durofix 535 is a synthetic rubber based solvent borne contact adhesive. It exhibits immediate bond strength. The adhesive dries to a tough, flexible film with good resistance to water and aging. This adhesive can be applied by brush or a roller-coater.

Application Area :

Wembley's Durofix 535 is a high strength multipurpose contact adhesive, used to bond flexible as well as rigid substrates. It exhibits outstanding bond to vulcanized rubber, Micro-cellular rubber, Micro-cellular EVA, Painted metal, Mild steel, Glass, Galvanized steel, Chip board, Polyurethane foam, Polystyrene sheet, porous substrates like Leather, Leather board, Cementitious flooring, GRP, Rigid PVC Boards etc., which are encountered in Automotive, Railway, Vehicle Building, Ship building, Construction, Electrical, Electronic and many other industries. It is also used to bond a variety of substrates like U-foam/Rubber Foam to U-Foam, Rexene to Foam, Wood/Plywood to U-Foam, Coir to U-Foam etc. in the upholstery segment. **Wembley's Durofix 535** also finds application in insulation industry where flexible elastomeric (micro-cellular natural rubber foam) material in sheet or tube form is bonded to metal ducting. It exhibits excellent performance in bonding PVC to Mosaic/Concrete substrates in the Flooring Segment.

Typical Physical Properties :

APPEARANCE	: LIGHT BROWN LIQUID
SOLIDS CONTENT	: Approx. 17 %
VISCOSITY @ 30° C By Brookfield Viscometer RVT/ Spindle#3/20 RPM	: 15 - 18 Poise
SPECIFIC GRAVITY	: 0.82 – 0.84 g/ml
CONSISTENCY	: Brush able Liquid
DRYING TIME	: 5 – 10 minutes approx..
DILUENT / CLEANER	: Toluene
TACK RETENTION TIME	: 30 mins.

Note: Above values shall not be construed as product specification.



Method of Application :

1. Clean the substrates to be bonded. Surfaces must be dry and free from dust, dirt, oil, grease, mould release agent and other contaminants.
2. Stir the adhesive before application.
3. Using a painting brush apply **Wembley's Durofix 535** uniformly on both the substrates to be bonded. Porous substrates may require a second coat, which can be applied after 5-10 minutes of first coat.
4. Allow the adhesive film to dry till it becomes touch dry. After the adhesive layer on both the surfaces has become touch dry, press both the surfaces together, ensuring uniform contact.
5. Final bond is achieved in 24 Hrs.

Safety Precautions :

- Benzene free formulation.
- A versatile adhesive for multiple uses.
- Excellent spread ability offering high coverage specially on flooring applications – 90 sq. ft. per Liter depending upon the floor conditions.
- Mild Smell
- Economical in the long run.

Safety Precautions :

- Keep **Wembley's Durofix 535** container closed when not in use to avoid unnecessary evaporation of solvent. **The adhesive is highly flammable hence smoking and naked-flame must be avoided in the working area.** Store the adhesive in a cool (<30°C) area. Proper ventilation must be provided on the shopfloor.

Shelf Life :

- At least one year from the date of manufacture in sealed condition if stored under recommended storage conditions.

Diluent / Cleaner :

- Toluene may be used to clean the tools used for the application.

*A detailed MSDS is available on request.

Note: We recommend that before using our product in full scale production, the customer should make his own tests to determine the suitability of the product under his operating conditions. As the circumstances under which our products are stored, handled and used are beyond our control, we can not assume any responsibility for their misuse by the customer.