Technical Data Sheet

BC Elastivator

Reactive Solvent & Surface Activator for Elastomeric Coatings

1). Product Description

BC Elastivator is a highly reactive, low-boiling, and fast-evaporating solvent designed for surface activation of cured elastomeric materials such as polyurea, polyurethane, and rubber-based coatings. It exhibits exceptional solvency power to soften and open the surface of hardened elastomers, ensuring excellent intercoat adhesion during recoating operations.
This product is a pure liquid solvent and contains no fillers or suspended solids, ensuring maximum activity and clean evaporation.

2). Features & Benefits

- Excellent reactivation and cleaning power
- Fast evaporation and low residue formulation
- High solvency for most elastomeric polymers
- Enhances intercoat adhesion for reapplication or touch-up coating
- Effective in removing thermoplastic-based sealers and membranes
- Reduces viscosity in coatings compatible with ketone-based solvents
- Colorless and clear for easy visual inspection during use

3). Recommended Uses

BC Elastivator is suitable for use in:

- Reactivating aged or cured polyurea and polyurethane waterproofing membranes before overcoating
- Preparing elastomeric coatings for recoating or repair
- Removing thermoplastic membranes and sealers from concrete and other floor surfaces
- Cleaning spraying and mixing equipment before coatings harden
- Acting as a controlled viscosity reducer for coatings compatible with ketone-type solvents

4). Technical Data

Property	Test Method	Unit	Typical Value
Appearance / Color	Visual / ASTM D1209	Pt-Co	<5 (Colorless, transparent liquid)
Density @ 20°C	ASTM D4052	kg/L	0.805
VOC Content	EPA Method	g/L	805
Flash Point (Abel)	IP 170	°C	-6
Vapor Pressure @ 50°C	Calculated	kPa	36
Chemical Type	—	—	Ketone-based reactive solvent

5). Application Instructions

1. **Surface Preparation:**
   - Use a grinder at low RPM to remove the top layer of the aged coating in the area to be recoated.
2. **Activation:**
   - Wipe or brush BC Elastivator over the cleaned and abraded coating surface to reactivate the overcoat window.
   - Ensure the treated area is completely clean, dry, and free from contamination before further coating.
3. **Recoating:**
   - For polyurea recoating, apply one coat of BC Epoxy Primer 349 on both the substrate and the tapered edge of the existing coating.
   - When the primer becomes tack-free, the surface can be recoated with the polyurethane or polyurea topcoat.
4. **Cleaning:**
   - Tools and equipment can be cleaned with BC Elastivator immediately after use to remove uncured coating residues.

6). Coverage

Consumption varies depending on the substrate condition and application purpose:

- Surface activation: 100–150 g/m²
- Equipment cleaning: Use as required

7). Packing

20 kg pail

8). Shelf Life

12 months from date of manufacture in original, tightly closed container under dry, cool, and well-ventilated conditions away from sources of heat and ignition.

9). Health & Safety

- Highly flammable liquid and vapor – keep away from sparks, flames, and hot surfaces.
- Avoid inhalation of vapors; use only with adequate ventilation.
- Wear suitable gloves, goggles, and protective clothing.
- In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice.
- Refer to the product's Safety Data Sheet (SDS) for detailed health and safety instructions.