

# Duraflock BL

Adhesives

**Duraflock BL** is a **two component aromatic polyurethane based flock adhesive**, which is cured at elevated temperatures.

It has distinct advantages such as good adhesion, higher degree of elasticity, and resistance to oils, alcohols & saline water.

**Duraflock BL** has excellent adhesion to all sorts of rubbers and various types of flocks.

### Application areas:

Used as flocking adhesives for rubber and EPDM profiles for on-line applications.

### Application procedure:

- Ensure that the surface is totally dry and free from oil, grease, and dust .
- Mix the two components as per ratio 1 : 1 by volume.
- Clean the previously grinded rubber surface with thinner PUT 503.
- Apply the material by roller or spray.
- Do not dilute the material with any thinner.
- Apply the flock by flocking gun or other means.
- Allow to cure at 220° C for 2 minutes.

### Product Specifications:

| PROPERTIES         | VALUE                                       |
|--------------------|---|
| Type               | Aromatic PU                                 |
| Appearance         | Resin: clear Brown<br>Hardener: clear Brown |
| Mixing Ratio       | 1 :1 by volume                              |
| Viscosity at 27° C |   |
| Resin              | 35- 45 sec.                                 |
| Hardener           | 20 - 30 sec.                                |
| Density            |   |
| Resin              | 0.98 - 1.02 gm / cc                         |
| Hardener           | 0.90 - 0.94 gm / cc                         |
| Curing time        | 2 minutes at 220° C.                        |
| % Solids           |   |
| Resin              | 55 - 59%                                    |
| Hardener           | 55 - 59%                                    |
| Shelf life         | 6 months in the unopened container          |