Qtech-113 POLYUREA RECOAT PLYADHESIVE

Production Description

Qtech-113 Polyurea plyadhesive is independently developed by Qingdao Shamu International Trade Co., Ltd. and it is a china patent technology (No: 200910020530.1). It is low solvent, ambient moisture and temperature insensitive, structural non-sag plyadhesive material. The system consists of two components A (resin) and B (curing agent). It is formulated to apply in pre-polyurea and recoating polyurea or other coatings, liners and so on.

Qtech-113 provides the high adhesion prior to recoat polyurea to polyurea or other coatings. Qtech-113 is polyurethane based two component, high solids, liquid applied recoated plyadhesive material with unique adhesion characteristics.

Advantages

- Fast cure, short down time
- Non-sag gel for vertical and overhead applications
- Excellent adhesion to most difficult surface
- Application at a wide of temperature range
- Chemical attack resistance
- High modulus, high strength, structural gel adhesive
- Creamy viscous consistency for easy recoating of pre-coatings
- Easy 2:1 mix ratio(A:B) and consult us
- Remains flexible in wide range of temperatures

LEADING TECHNOLOGY, PROVEN QUALITY
Recommended Uses

- Recoat polyurea to pre polyurea such as Qtech serial products
- Adhesive for metal, wood, polyurethane form, plastic and so on.
- Recoat polyurea to pre coatings

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>A component</th>
<th>B component</th>
<th>Pale yellow liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance: A component</td>
<td>Transparent yellow liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solids A component/ %</td>
<td>≥80</td>
<td></td>
<td>≥80</td>
</tr>
<tr>
<td>Consistency</td>
<td>0 (no flow)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curing time (25°C, RH = 60%, min)</td>
<td>≤60</td>
<td>Interlaminar peeling Strength (Recoat time, 6~8hours, N/mm)</td>
<td>≥6 or Coating Failure</td>
</tr>
<tr>
<td>Mix Ratio (A:B)</td>
<td>2:1 (consult)</td>
<td>Viscosity (25°C, Cps)</td>
<td>600</td>
</tr>
<tr>
<td>Shelf life (25°C, months)</td>
<td>12</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The above properties and values are highly dependent on temperature, equipment, and related parameters and slight are possible

Packaging

- Part A: 25 kilogram per drums.
- Part B: 25 kilogram per drums.

(Custom package available at additional charge)

Notes

- Reading and understand the production information.
- This product is intended for industrial use by properly trained professional applicators only.
- Adding a nitrogen blanket is strongly recommended for use on the “A” component for storage after opening.
- The quality and fitness of the product is depending upon the proper mixture and application of the component by the applicator.
- This specification is an accumulation of long term testing and experience. Published technical data and instructions are subject to change without notice.
- For more information please consult us or visit our website www.shamu-intl.com and www.polyurea.cn.

Innovation is our daily work. The latest specification could be updated and downloaded at www.shamu-intl.com.