CONIPUR® 295

100% solids, aliphatic, polyurethane topcoat for the Conipur® II traffic deck coating system

Description
Conipur® 295 is a high performance, two-component, aliphatic, 100% solids urethane waterproofing membrane designed as a topcoat for the Conipur® II deck coating system.

Yield
**APPROXIMATE COVERAGE RATES***

<table>
<thead>
<tr>
<th>MIL THICKNESS</th>
<th>APPROXIMATE COVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-15 mils (0.25-0.38 mm)</td>
<td>100-150 sq.ft./gal.</td>
</tr>
</tbody>
</table>

*NOTE: Coverage may vary with the application technique used. Actual coverage rate and mil thickness depend on substrate porosity and surface profile.

Packaging
5 gallon unit (18.9 L) with Part A in a 1 gallon (3.8 L) can and Part B in a 6 gallon (22.7) pail.

Color
Gray and Tan

Features
- Aliphatic, UV stable
- VOC compliant
- 100% solids
- Excellent chemical resistance

Benefits
- Provides color stability to exterior deck
- Environmentally responsible
- May be applied near inhabited structures
- Protects against a common parking deck chemicals, including gasoline, diesel fuel, oil, alcohol, ethylene glycol, de-icing salts, bleach and cleaning agents.

Shelf Life
1 year when properly stored.

Storage
Store in unopened containers in cool, dry area.

Where to Use
**APPLICATION**
- Parking decks
- Stadiums
- Balconies
- Plaza decks

**LOCATION**
- Exterior
- Interior

**SUBSTRATE**
- Elevated slabs
- Plywood

How to Apply
**Surface Preparation**
1. Refer to the Conipur® II data guide.

**Surface Presstriping and Detailing**
1. Refer to the Conipur® II data guide.

**Mixing**
1. Conipur® 295 is a two-component polyurethane product; it requires mixing to ensure consistent curing and uniform color. Mixing is accomplished by pouring the part A component directly into the part B component and mixing using a jiffy paddle and low speed drill (400 to 600 rpm). Mix components for 2 minutes in provided pail. Pour mixture into similar second pail and mix for an additional 1.5 minutes before proceeding with application.
Technical Data

Composition
Conipur® 295 is a two-component, aliphatic, polyurethane product.

Typical Properties

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids content</td>
<td>&gt; 98%</td>
</tr>
<tr>
<td>Viscosity, cps</td>
<td>3,000 – 4,000</td>
</tr>
<tr>
<td>Working time, min*</td>
<td>25 ± 5</td>
</tr>
<tr>
<td>Initial cure, hours</td>
<td>4 – 8</td>
</tr>
</tbody>
</table>

*Tested at 73 °F (23 °C), 50% relative humidity. Warm temperatures will shorten pot life; plan work accordingly.

Test Data

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>RESULTS</th>
<th>TEST METHODS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile strength, psi (MPa)</td>
<td>2980 (20.6)</td>
<td>ASTM D 412</td>
</tr>
<tr>
<td>Elongation, %</td>
<td>375</td>
<td>ASTM D 412</td>
</tr>
<tr>
<td>Hardness, Shore D</td>
<td>45</td>
<td>ASTM D 2240</td>
</tr>
<tr>
<td>Taber abrasion resistance, mg. lost (CS 17 wheel 1000 g. wt./1000 cycles)</td>
<td>58</td>
<td>ASTM D 4060</td>
</tr>
</tbody>
</table>

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Application Methods

Refer to Conipur Systems data guides.

For Best Performance

- Conipur® 295 has a very short working time. Once the material has been mixed, the coating must be poured onto the surface and applied immediately.
- Minimum application temperature is 40° F (4° C) and rising.
- Warm temperatures will shorten working time; plan work accordingly.
- Select the proper type and amount of aggregate to achieve desired slip resistance.
- The best method to ensure the proper wet film thickness is the use of a grid system. Divide the surface to be coated into grids and calculate the square footage of each. Refer to the coverage chart to determine the quantity of coating needed for each grid to arrive at the required mil thicknesses.
- Contact Technical Service when substrates are over 90° F (32° C), under 40° F (4° C), or when applying to decks containing between-slab membranes.
- Avoid application of Conipur® 295 traffic deck coatings when inclement weather is present or imminent; to damp, wet or contaminated surfaces; or when chained or metal-studded tires will be used.
- Make certain the most current version of MSDS and product data sheet are being used. Call Customer Service (1-800-433-9517) to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and are not for supervising or providing quality control on the jobsite.
Health and Safety

CONIPUR® 295 PART A

WARNING

Conipur® 295 Part A contains n, n’-disobutylideneisophoronediamine.

Risks

May cause skin, eye and respiratory irritation. Prolonged contact may cause dermatitis and allergic responses. Potential skin sensitizer. Ingestion may cause irritation.

Precautions

Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Keep container closed when not in use. Wash thoroughly after handling. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Proposition 65

This product contains no materials listed by the State of California as known to cause cancer, birth defects or other reproductive harm.

VOC Content

0 g/L or 0 lbs/gal less water and exempt solvents when components are mixed and applied per Manufacturer’s instructions.

CONIPUR® 295 PART B

WARNING

Conipur® 295 Part B contains Butyl benzyl phthalate, Isophorone disiocyanate, Urethane prepolymer.

Risks

May cause skin, eye and respiratory irritation. Prolonged contact may cause dermatitis and allergic responses. Potential skin sensitizer. Ingestion may cause irritation.

Precautions

Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Keep container closed when not in use. Wash thoroughly after handling. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Proposition 65

This product contains no materials listed by the State of California as known to cause cancer, birth defects or other reproductive harm.

VOC Content

5 g/L or 0.04 lbs/gal less water and exempt solvents when components are mixed and applied per Manufacturer’s instructions.

For medical emergencies only, call ChemTrec (1-800-424-9300).
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