

## DESCRIPTION

Custom Linings 6881 is a medium to fast set, quick curing, 100% solids, flexible, two component spray polyurea that can be applied to suitably prepared concrete and metal surfaces. Its relatively slow curing makes it suitable for application as a waterproofing decking system with enough open time to broadcast the aggregates. It may be applied in single or multiple applications on horizontal surfaces and is relatively insensitive to moisture and temperature allowing application in most temperatures.

## FEATURES

- ◆ Enough open time to broadcast the aggregates
- ◆ Zero VOC
- ◆ No Toxic Vapors
- ◆ Meets USDA Criteria
- ◆ Seamless
- ◆ Low Temperature Flexibility
- ◆ Good Chemical Resistance
- ◆ Excellent Color Retention
- ◆ Excellent thermal stability
- ◆ Installed With or Without Reinforcement in Transitional Areas
- ◆ Odorless
- ◆ 100% Solids
- ◆ Low Permeance Rate
- ◆ Non-Reactive

## TYPICAL USES

- ◆ Airports
- ◆ Warehouse Floors
- ◆ Parking Garage Decks
- ◆ Walkways and Balconies
- ◆ Mining Operations
- ◆ Food Processing Plants
- ◆ Landfill Containment
- ◆ Water and Waste Water Treatment

## COLORS

Neutral. Custom colors are available upon request.

Custom Linings 6881 has good color stability. However over a period it will tend to yellow or darken in color and will become flat after exposure to UV light. Custom Linings 6881 may be topcoated with an aliphatic polyurethane coating for a colorfast finish.

## PACKAGING

10 gallon kit: One 5 gallon pail of Part-A and one 5 gallon pail of Part-B.

100 gallon kit: One 50 gallon drum of Part-A and one 50 gallon drum of Part-B.

## COVERAGE

Custom Linings 6881 may be applied at any rate to achieve desired thickness. Theoretical coverage for 1 mil thickness is one gallon per 1600 sq. ft.

## TECHNICAL DATA

Mix Ratio by Volume .....	1A : 1B
Gel Time .....	3-5 minutes
Tack Free Time .....	20-40 minutes
Recoat Time .....	0-12 hours
Viscosity at 150-160°F (66.5-71°C), Brookfield:	
Part-A .....	1550 ± 200 cps
Part-B .....	350 ± 50 cps
Density (Side A & B Combined) .....	8.57 lbs/gal
Flash Point .....	>200°F
Hardness, ASTM D-2240 .....	90 ± 5 A
Tensile, ASTM 412-C .....	2500 ± 150 psi
Elongation, ASTM 412-C .....	375% ± 25%
Tear, ASTM 624-C .....	300 ± 25 pli
Service Temperature .....	-40°F to 300°F

## SURFACE PREPARATION

Refer to general guidelines for complete information.

## MIXING

Custom Linings 6881 may not be diluted under any circumstances. Thoroughly mix Custom Linings 6881 Part-B Base material with air driven power equipment until a homogeneous mixture and color is obtained.

## APPLICATION

Both Part-A and Part-B materials should be preconditioned at 75-80°F before application.

Custom Linings 6881 should be applied using a plural component, heated, high pressure 1:1 spray equipment.

Custom Linings 6881 may be applied at any ambient temperature. However, the equipment temperature is important. Both Part- A and Part-B materials should be sprayed at temperatures above 150°F and minimum 2000 psi pressure. Adequate pressure and temperature should be maintained at all times.

## EQUIPMENT CLEAN UP

Equipment should be cleaned with an environmentally safe, urethane-grade solvent (alcohol free) as permitted under local regulations immediately after use.

## STORAGE

Custom Linings 6881 has a shelf life of six (6) months from date of manufacture in factory sealed containers.

Part-A drums must be stored above 40°F.

Avoid freezing temperatures.

Store drums on wooden pallets to avoid direct contact with the ground.

If stored for a long period of time, rotate Part-A and Part-B drums regularly.

#### **LIMITATIONS**

Do not open until ready to use.

#### **WARNING**

This product contains Isocyanates and Curative Material.

*Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Custom Linings representative or visit our website for current technical data and instructions.*

#### **LIMITED WARRANTY**

*Custom Linings warrants its products to be free of manufacturing defects and that they will meet Custom Linings current published physical properties. Custom Linings warrants that its products, when properly installed by a licensed applicator according to Custom Linings guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of three (3) years. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. There are no other warranties by Custom Linings of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Custom Linings shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Custom Linings shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Custom Linings reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.*

#### **DISCLAIMER**

*All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Custom Linings makes no claim that these tests or any other tests, accurately represent all environments.*