



VISURON
TECHNOLOGIES, INC.

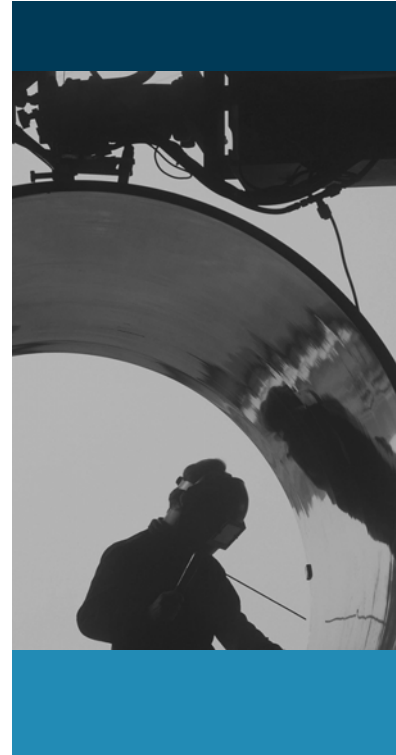
PolyArmor® 2000-80

Product Data



Polyarmor® 2000-80 high performance, 100% solids polyurea spray elastomer has excellent physical properties. This system is a chemical resistant, abrasion resistant, tough, 1:1 ratio spray coating exhibiting rapid and consistent cure in applications ranging from -20° F to over 300° F.

Polyarmor® 2000-80 is specifically designed to be used in applications requiring a flexible coating system with extremely high performance and superior overall toughness.



Product Advantages

- ◆ Good chemical resistance/Low shrink
- ◆ 100% solids, no VOC's
- ◆ Designed for Geotextile Applications
- ◆ Excellent thermal stability
- ◆ Shock resistant
- ◆ Abrasion resistant
- ◆ Satisfies EPA method 9090
- ◆ Low perm rate
- ◆ Extremely high overall strength
- ◆ Bridges gaps up to 1/16 inch wide

Typical Uses

Polyarmor® 2000-80 is well suited for primary and secondary containment areas applied to geotextiles, concrete or corrugated steel berm walls. This system was designed for to have superior physical properties with great flexibility to meet the demand of industries including but not limited to: Natural Gas & Oil, Petrochemical, and a variety of agencies (EPA, DEP, DEQ, DOE, TCEQ, etc).

- ◆ Gas & Oil Primary and Secondary Containment
- ◆ Direct to Geotextiles
- ◆ Concrete sealer
- ◆ Secondary Containment Areas
- ◆ Tank Linings
- ◆ Waster Water Linings
- ◆ Digester Linings
- ◆ Mechanical Rooms
- ◆ Pulp & Paper Mills
- ◆ Fertilizer Plants
- ◆ Petrochemical facilities
- ◆ Pipe Line Coating
- ◆ Cooling Tower Lining
- ◆ Petroleum Prod. & Storage
- ◆ Oil & Gas Transmission
- ◆ Refineries
- ◆ Manufacturing Facilities



For questions regarding Case Studies or Chemical Resistance, please contact your Visuron representative.

VISURON Polyarmor® 2000-80 TDS

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PolyArmor® 2000-80

Typical Physical Properties

| Typical Physical Properties | Test Method | Value |
|------------------------------|-------------|-------------------|
| Tensile Strength (psi) | D-412 | 2375 |
| Elongation (%) | D-412 | 400 |
| Tear Strength (pli) | D-624 | 250 |
| Shore Hardness ("A" scale) | D-2240 | 80 |
| Flash Point, components (°F) | | >200 |
| Gel Time / Tack Free | | 10 sec. / 45 sec. |

NOTE: TEST RESULTS WERE OBTAINED IN A CONTROLLED LABORATORY ENVIRONMENT AND VISURON MAKES NO CLAIM THAT THE TESTS RESULTS ACCURATELY REPRESENT ALL ENVIRONMENTAL OR JOBSITE CONDITIONS. PHYSICAL AND PERFORMANCE PROPERTIES AND MAY VARY BASED ON THE TYPE OF APPLICATION/ SPRAY EQUIPMENT USED.

Coverage Rates

(Theoretical square feet per gallon)

| Mils | 10 | 15 | 50 | 60 | 80 | 100 | 125 |
|--------|-----|-----|----|----|----|-----|-----|
| Sq. Ft | 160 | 107 | 32 | 27 | 20 | 16 | 13 |

*Note: 1604 mil inches per gallon; which is totally dependent on substrate texture and condition.

Storage

POLYARMOR® 2000-80 has a 1 year shelf life from the date of manufacture in a factory-sealed, unopened container stored at room temperatures 59°F- 77°F (15°C- 25°C).

Application

POLYARMOR® 2000-80 is a plural-component, fast cure, spray polyurea system. Equal volumes of parts "A" and "B" are proportioned and dispensed through high pressure, high temperature spray equipment.

Proportioner recommendations:

- ◆ 1:1 Ratio, High-Pressure, Plural Component Spray Equipment
- ◆ Spray pressures 2500 psi minimum
- ◆ Preheaters/ hoses 165°F- 170°F (74°C- 77°C)

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LIMITED WARRANTY: Read all information in the product data sheets, and material safety data sheets (MSDS) before applying material. Product information and instructions are subject to change without notice. Contact your Visuron agent or visit our website for current product information and instructions. Products manufactured by Visuron are free of defects and will meet Visuron's current published physical properties. There is no other warranties given by Visuron of any kind implied, or expressed, including any warranty of fitness for a particular purpose, and/or merchantability in connection with this product.

DISCLAIMER: The data and information contained herein doesn't create a material or sales specification. The information contained in this data sheet does not guarantee that any hazards listed herein are the only one(s) which may occur. Product and application instructions are provided for the purpose of establishing a general profile and that they will meet Visuron's current published physical properties. Visuron makes no claim as to the accuracy of the information, but every effort has been made to ensure the accuracy of information contained in the Technical Datasheet. The end user should check the suitability of this product for its intended application prior to use.

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