

## PRODUCT DESCRIPTION

BondTite 1114 is a 100% solids, two-component Fluoropolymer-Modified AAP (Advanced Aliphatic Polyamine) epoxy adhesive and coating which exhibits excellent adhesive properties on many substrates. BondTite 1114 has been designed to have moderate viscosity to provide excellent wetting properties during composite cloth lay-up in tank lining applications. BondTite 1114 has also been flexibilized to reduce coating stresses caused by expansion and contraction due to temperature change.

## APPLICATION DATA SUMMARY

See Application Instructions for complete information on surface preparation, equipment, environmental conditions, application procedures, and safety precautions. For conditions outside the specifications or limitations described, contact Wolverine Coatings Corporation for details.

## SURFACE PREPARATION

Coating performance is directly related to the quality and degree of surface preparation. Prior to overcoating, all surfaces must be clean, dry, undamaged, and free of all contaminants. For more specific information, consult the surface preparation section contained in the Application instructions.

## SAFETY PRECAUTIONS

Read the Safety Data sheet carefully before use. Safety precautions in the SDS should be carefully followed during storage, handling and use. Improper use and handling can be hazardous to health and cause fire or explosion. For further information, please refer to our "Epoxy Resin Safety Handling Guide".

## APPLICATION DATA

|  |  |
|--|--|
| Substrate:   | Properly cleaned and prepared fiberglass, concrete, steel, aluminum, or stainless steel. |
| Surface Preparation  |  |
| Steel  | AMPP SSPC-SP5/NACE No. 1   |
| Concrete   | AMPP SSPC-PS13/NACE No. 6  |
| * All surfaces should be cured, clean, dry, and free from contamination. For additional information regarding surface preparation specifications and techniques, please contact our technical services department. |  |

## APPLICATION DATA (CONTINUED)

|  |   |
|--|---|
| Application Method:  | Airless or conventional spray, Roller or brush. |
| * Consult Wolverine Coatings Corporation's technical department for information on spray application.  |   |
| Pot Life:  | 58 minutes<br>(450g @77°F / 50% RH))            |
| Gel Time:  | 87 minutes<br>(150g @77°F / 50% RH))            |
| Induction Period:  | None  |
| Mixing: BondTite 1114 is packaged in separate containers consisting of Resin Part A and Hardener Part B which must be mixed together before use. |   |
| Mix Ratio:   | 2 Parts "A" to 1 Part "B" (By Volume)           |

| Environmental conditions |          |
|--------------------------|----------|
| Temperature Range:       | 50-120°F |
| Max Relative Humidity:   | N/A      |
| Surface Temperature:     | 50-120°F |

| Curing Time (@ 50% RH) |      |          |      |
|------------------------|------|----------|------|
|                        | 90°F | 70°F     | 50°F |
| Tack Free              | NT   | 8-12 hr  | NT   |
| Through                | NT   | 16-24 hr | NT   |

|                         |            |
|-------------------------|------------|
| Max Chemical resistance | 4 – 7 days |
| Thinner                 | None       |
| Equipment Cleaner       | MEK        |

## PHYSICAL DATA

|                     |                    |
|---------------------|--------------------|
| Color:              | Creamy Translucent |
| Components:         | Two                |
| Curing Mechanism:   | Chemical reaction  |
| Volume Solids:      | 100%               |
| VOC:                | None               |
| Temperature limits: | 200°F (100°C)      |
| Flashpoint (SETA):  | N/A                |