

## DESCRIPTION

BONDING AGENT is a specially formulated, low solids, single component, rapid curing primer designed for steel and non-porous metal. Its low viscosity contributes to ease of application and adheres well for top coating with Pinnacle polyurea products.

## USES

BONDING AGENT primer may be used with most rapid curing polyurea sealants and spray coatings. It is designed for use in both interior and exterior priming situations. BONDING AGENT is suitable for use as a tie coat when applied over elastomeric coatings prior to recoating. BONDING AGENT is also ideal for priming metal surfaces to help hold back flash rust.

## PHYSICAL PROPERTIES

### (For component)

Chemical Composition  
Color  
Solids content  
Weight/gallon  
Specific Gravity @ 77°F (25°C)  
Boiling Point  
VOC, g/l  
Odor

### RESULT

Solvent based MDI isocyanate  
Amber  
25 %  
9.26 lbs (4.20 kg)  
1.11  
412°F (211°C)  
832.5  
Slightly sweet

## PROCESS SPECIFICATIONS

### Airless or Pump Spray

Pump Graco Ultra 395 Airless Sprayer (or similar)  
Dispensing Gun Graco Contractor Gun (or similar)  
Process Pressure 500 to 1,000 psi

### Hand Process

Roller or Brush 1/4" or 3/8" nap roller or bristle brush

## APPLICATION

Apply in one coat using spray, roller or brush. Avoid ponding of material on horizontal surfaces. Excess materials should be wiped dry with a clean cotton rag. Maximum overcoat time is 24 hours, after which a light recoat is required.

**Application Temperature:** Minimum 20°F (-6°C). Note that BONDING AGENT will cure at these temperatures, but cure times will be retarded with colder temperatures.

**Moisture Content:** 5% maximum.

**Dew Point:** Substrate temperature must be 5°F (3°C) above dew point and rising before application of coating materials.

**Surface Prep:** Steel: Minimum acceptable preparation levels for proper adhesion are SSPC SP 6.

## COVERAGE

Apply at rate of 400 - 500 square feet (37 - 46 square meters) per gallon.

## MIXING

BONDING AGENT is a single component product. Prior to use shake container or stir until a homogeneous mixture and color is obtained.

## SAFETY

Basic personal protection is: long sleeve overalls or disposable Tyvek overalls, rubber gloves, splash shield or safety glasses with splash guards, rubber or leather boots, respirator with organic vapor cartridges and P100 filters. Do not use near high heat or open flame.

#### **SHELF LIFE**

One year from date of shipment, in original, unopened factory containers, under normal storage conditions.

#### **STORAGE**

BONDING AGENT should be stored in sealed containers at 60 – 90° F (15 – 32° C) in a dry area. Avoid exposure to freezing temperatures.

#### **PACKAGING**

BONDING AGENT is available in 1 quart (0.94 L) containers, 1 gallon (3.78 L) containers, 5 gallon (18.92 L) pails, and 55 gallon (208 L) drums.

#### **PRECAUTIONS**

Keep containers closed and protected from atmospheric contamination.

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 Pinnacle representative or visit our website for current technical data and instructions.

#### **TECHNICAL SUPPORT**

We have a dedicated technical support team offering knowledgeable support for everything from preventative maintenance, equipment calibration and servicing through to coating and foam application advice. If you have any questions regarding the use of this product please call us toll free at 1-800-901-0088 or email us [info@pinnaclewest.net](mailto:info@pinnaclewest.net).

#### **ON-SITE TRAINING**

Our on-site training programs provide the necessary equipment and application training, including the health and safety aspects, needed to apply a wide variety of products. The goal of our programs are to give the skills required to be a professional and productive installer.

#### **LIMITED WARRANTY**

Pinnacle West Enterprises Inc. warrants its products to be free of manufacturing defects and that they will meet Pinnacle West Enterprises Inc. current published physical properties when properly installed according to Pinnacle West Enterprises Inc. guide specifications and product data sheets over a sound, properly prepared substrate. 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 Pinnacle West Enterprises Inc. of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Pinnacle West Enterprises Inc. 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. Pinnacle West Enterprises Inc. 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. Pinnacle West Enterprises Inc. 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 Pinnacle West Enterprises Inc. makes no claim that these tests or any other tests, accurately represent all environments.