

DOLPHIN 7722

***HydroArmor*^â WB Adhesive**

DESCRIPTION: A sprayable, latex material designed for use on steel, galvanized, aluminum, fiberglass, and plywood. This product can be easily sprayed onto overhead and vertical surfaces to seal joints and hold insulation in place; heavy wet film builds can be applied without runs, drips or sagging. Our lab tests of ***HydroArmor*[®] WB Adhesive** have demonstrated the durability of this adhesive even under the worst service conditions. Testing included weeks of exterior exposure cycling, exposure to 250° F for several days and immersion in acidic and caustic solutions; these environments did not affect dried films of this adhesive. Nor did this material lose adhesion or crack when test panels were bent at -30° F. ***HydroArmor*[®]** products dry quickly at ambient temperatures and will withstand most paint bakes after only 30 minutes dry at room temperature.

The Volatile Organic Content in ***HydroArmor*[®]** products is lower than all coating, sealant and adhesive limits established today. It is as safe to use and as easy to clean up as latex house paint. This material provides excellent adhesion without the environmental and safety problems inherent in many of the adhesives available today.

APPLICATION: As with any adhesive, all loose dirt and dust should be removed from the surface to be coated before application. ***HydroArmor*[®] 7722** is designed to be applied with airless spray equipment. We demonstrate this coating using a 45:1 Graco "King" pump with a Graco model 220-954 gun. With this equipment, we can spray at 50 to 60 pounds air pressure using spray tips with orifices from .019" to .035". As with all air motor pumps, adequate air volume is required. ***HydroArmor*^â** resists water wash-off after air drying 30 minutes at 45-55% relative humidity; if not baked, it dries through in 24 hours or less (drying is slowed by high humidity and poor air circulation). Until the adhesive has dried, over spray can be removed and equipment can be cleaned with water. Dried material can be removed with Methyl Ethyl Ketone.

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PROPERTIES:

Specific Gravity:	1.60 – 1.66
Color:	Gray
Solids:	73 - 77%
pH	8 – 10
Freeze/Thaw Stability: ASTM D 2243; 4 cycles To -20° F	Pass Sprayable after hand mixing

**THE FOLLOWING TESTS WERE PERFORMED
ON PANELS COATED WITH 15 DRY MILS OF MATERIAL
AFTER DRYING 21 DAYS @ 68° F (20° C); 50% RH**

Effects of Heat Aging: ASTM C 792; 14 days @ 158° F	Flexibility maintained No cracks, no adhesion loss
Effects of Exterior Exposure: GMTM 9505P, Cycle E	No cracks, no adhesion loss after two weeks of cycling
Flammability: MVSS 302	Pass Self-extinguishing within 1”

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