



H.B. Fuller

Connecting what matters

TRANSPORTATION

HydroArmor® Synthetic Co-Polymer Coating

Protection You Can Trust from a Global Leader in Adhesives and Coatings

If you're in the transportation industry and have worked with asphaltic coatings, you know they are difficult to use, almost impossible to clean up, and an environmental threat due to the release of hydrocarbons.

H.B. Fuller is dedicated to commercial-scale production of bonding and sealing products that help you improve quality, reduce vehicle weight, and lower your carbon footprint with greater efficiency and lower production costs.

There are many advantages to using HydroArmor® undercarriage coatings that include:

- Easy cleanup
- Water-based formula
- Water, weather, and corrosion resistance
- Highly flexible
- Aesthetically pleasing appearance
- VOC compliance

Ask us about our entire family of HydroArmor® Coating Products.



HydroArmor® 8800BL

Water-Based, Low-Sag, Highly Water-Resistant Protective Coating

HydroArmor® 8800BL is a sprayable, water-based coating designed to quickly build a high level of water resistance. It is formulated to provide excellent adhesion to stainless steel, wood, and composite decking and to provide very good corrosion protection when applied with a wet film thickness as low as 20 mils. This coating can be easily sprayed onto exposed underbody areas. Wet film builds of 40 mils can be applied without runs, drips, or sags.

HydroArmor® 8800BL is an extremely durable anti-corrosion coating even when exposed to demanding service conditions. Several days at 121°C (250°F) and 38°C/100% relative humidity does not affect the dried film. When test panels were subjected to the “Gravelometer” at -30°C (-22°F), the rocks did not penetrate the coating. After 1,000 hours in the salt spray cabinet, the HydroArmor® coating remains intact, and there is no corrosion under the coating.

HydroArmor® 8800BL is as safe to use and as easy to clean up as water-based house paint. It provides as good as or better anti-corrosion protection than any of the competitive products on the market without the environmental and safety problems inherent in many of the undercoating products available today.

APPLICATION

As with any coating, the surface to be coated should be clean and dry before the application of **HydroArmor® 8800BL**. We recommend a minimum coating thickness of 0.020” be applied for optimum performance. It dries quickly at ambient temperatures and typically can be handled within 30 minutes of application. If the coating is not baked, it will completely dry in 24 hours or less. Drying is slowed by high humidity and poor air circulation.

TECHNICAL DATA		
Property	Typical Value	Visual
Color	8800BL-Black	ASTM D1475
Volume Solids	70-75%	ASTM C681
VOC Content	20-25 g/L	Calculated
Service Temperature	-29°C to 120°C (-20°F to 248°F)	

NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not to be interpreted as manufacturing specifications.

THE FOLLOWING TESTS WERE PERFORMED ON PANELS COATED WITH A WET FILM THICKNESS OF 0.030” OF MATERIAL AND ALLOWED 48HRS TO DRY @ 23°C (73°F)	
Gravelometer: ASTM D 3170-03	8A Rating (2-4 Chips, <1mm)
Humidity Resistance: 1000 hours @ 38°C (100°F) & >95%RH	No loss of adhesion No corrosion or blistering
Salt Spray Resistance: ASTM B117; 1000 hours	No loss of adhesion No corrosion
Water Resistance: 24 hours submerged in water	No blistering or significant softening of the coating
Temperature Resistance: 1,000 hours at 185°F	Passes- No cracks, chalking, or loss of adhesion

CLEAN UP AND REMOVAL

Until **HydroArmor® 8800BL** coatings are dry, overspray can be removed and equipment can be cleaned with water. Dried material can be removed with Methyl Ethyl Ketone.

STORAGE AND SHELF LIFE

Store material in original unopened packaging at temperatures between 4°C and 32°C (40°F and 90°F). Shelf life is six months minimum when stored as recommended.

HEALTH AND SAFETY

Prior to working with this or any product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

Contact your sales representative for more details or email transportation@hbfuller.com to request a sample.



For more information about our company, visit www.hbfuller.com.

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