

SELECTION & SPECIFICATION DATA

Generic Type	Asphalt Modified Polyurethane
Description	Blackhawk 5720 is a two-component elastomeric compound of asphalt and polymers formulated for mixing and spraying at ambient temperature. It cures (by an in situ chemical reaction) to a tough, abrasive-resistant film which shows almost 100% elastomeric recovery from mechanical stress.
Features	<ul style="list-style-type: none"> Exempt from hazardous declaration under DOT regulations
Recommended Uses	<ul style="list-style-type: none"> Blackhawk 5720 is used as a waterproof coating over insulation as an excellent barrier against weather and moisture vapor. It has excellent adhesion to insulation, metal, and other substrates. Due to its excellent low temperature properties, it is ideal for use in extremely cold environments. On concrete and masonry, Blackhawk 5720 may be used as a moisture-vapor barrier coating above and below grade. It will protect metals and wood against corrosion by acids, alkalies, salts, and moisture in general. Blackhawk 5720 is resistant to ultraviolet degradation from long term exposure to sunlight. Blackhawk 5720 can also be used to cement pre-formed insulation to piping or vessels and to adhere blocks of insulation together. It is especially recommended where movement of insulation will be encountered.
Color	Black
Primer	Self-priming on most concrete and metal surfaces. Novocoat SC1100 may be used to reduce the risk of outgassing on concrete.
Topcoats	Aggregate Broadcast or coatings
Finish	Gloss
Solids Content	By Weight 68 – 78%
Theoretical Coverage Rate	40-50 sq ft/gl at 30 mils
VOC Value(s)	<350 g/l
Limitations	Blackhawk 5720 should not be used where it will be exposed to high concentrations of oil or organic solvents.

SUBSTRATES & SURFACE PREPARATION

General	All surfaces must be clean and free from debris and loose scale material or anything that may interfere with adhesion or act as a bond breaker with the desired substrate. Concrete or CMU Concrete must be cured minimum 7 days at 75°F (24°C) and 50% relative humidity or equivalent. Prepare surfaces to expose aggregate. Voids in concrete may require surfacing. Mortar joints should be cured a min of 15 days.
Previously Painted Surfaces	Consult with ErgonArmor Technical Service Department

MIXING & THINNING

Mixing	<p>The viscosities of the two components are such that the contents of Part B container can be readily poured into the Part A and mixed at product temperatures above 60°F. An electric or air driven mixer (generating a vigorous vortex) is recommended. A standard metal, square head mixing blade having a minimum 8" head width is suggested and is available from multiple online and retail store suppliers.</p> <p>Mix Part A for a 1 minute pre-mix to reduce viscosity and ensure homogeneity. With vortex created, add Part B hardener slowly over a period of at least 45 seconds. Move the mix blade around in the pail to ensure full dispersion of the Part B hardener for 3 minutes. Proper blending of the Part A and Part B occurs when a slight vortex appears on top of the blend while mixing. Upon completion, place mix head in empty pail and spin off excess material hanging on mix blade.</p> <p>Do not allow moisture contamination into the mix. Do not mix by hand.</p> <p>For additional instructions showing a proper mix of Blackhawk 5700, a demonstration video can be viewed at the following link: https://www.youtube.com/watch?v=GnKxZaBy-qds&feature=youtu.be</p> <p>Caution: Material that reaches its full cure cannot be recovered. Therefore, it is recommended to guard against material set up on tools and pump equipment including hoses, guns, pumps etc. Flush and clean all equipment after use with mineral spirits.</p>
Thinning	DO NOT THIN
Pot Life	<p>30 minutes at 32°C (90°F) 40 minutes at 24°C (75°F) 50 minutes at 16°C (60°F) Not recommended below 60°F</p>

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Brush	Use a medium/thick bristle brush
Dry to Touch	4 hours at 77°F
Full Cure	24 hours at 77°F

CLEANUP & SAFETY

Cleanup	Use mineral spirits for suitable cleanup. In case of spillage, absorb and dispose of in accordance with local applicable regulations. Refer to SDS for more information.
Safety	Read and follow all caution statements on this product data sheet and on the SDS for this product. Wear protective clothing, gloves and eye protection.
Ventilation	Thorough air circulation must be used during and after application until the product is cured. User should test and monitor exposure levels to insure all personnel are within safe limits.

PACKAGING, HANDLING & STORAGE

Shelf Life	Part A: 12 months at 75°F (24°C) Part B: 12 months at 75°F (24°C) *When kept at recommended storage conditions and in original unopened containers.
Shipping Weight	4 Gallon Kit: 35 lbs (15.87 kg)
Storage Temperature & Humidity	40° – 110°F (4° – 43°C) Store at or near 50% RH
Storage	Store Indoors. This product is not affected by excursions below these published storage temperatures, down to 10°F, for a duration of no more than 14-days. Always inspect the product prior to use to make sure it is smooth and homogeneous and properly mixed.

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SAFETY
Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user. Please contact ErgonArmor for further information at 877.982.7667 or FAX 601-933-3381. For all Terms and Conditions of Sale see ergonarmor.com.

ORDERING INFORMATION
For additional information, prices, or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call 877-98ARMOR.