

SELECTION & SPECIFICATION DATA

Generic Type	Urethane Modified Asphalt
Description	Blackhawk 5715 is a 100% solids two-component elastomeric compound of asphalt and polymers and is designed as a trowel-able sealant and/or coating with maximum strength bonding capabilities. It cures (by an in situ chemical reaction) to a tough, abrasive-resistant film which shows a high elastomeric recovery from mechanical stress. Blackhawk 5715 is packaged in a convenient 750 mL x 100 mL dual cartridge.
Features	<ul style="list-style-type: none"> • Excellent slump resistance • High-build consistency • No Shrinkage • Adherence to multiple surfaces. • Exempt from hazardous declaration under DOT regulations
Recommended Uses	<ul style="list-style-type: none"> • Where structural movement due to temperature change and mechanical stress is expected, it forms a tough, adhesive bond that stretches and recovers. • Where adhesive to more than one construction material is desired. Example: between bridge decks where one side is concrete, the other metal. It bonds to concrete, metals, masonry, wood, asphalt pavement and granular roofing surfaces. • Where a waterproof seal is needed. • Where heavy, periodic mechanical abrasion is expected. Example: plant floors and highway joints. • Exterior and interior applications. Weatherproof due to asphalt-based chemistry. • Where extremely low temperatures will be encountered. Service temperature is -80°F to 200°F. • In industrial atmospheres. Resistance to acids, alkalis and salts is excellent. • On vertical and horizontal surfaces. • Scrim sheeting can be used in between applications of Blackhawk 5715 for added reinforcement over cracks and details, and over horizontal to vertical transitions.
Color	Black
Primer	Self-priming on most concrete and metal surfaces. Novocoat SC 1100 may be used to reduce the risk of out-gas blisters on concrete.
Topcoats	Aggregate broadcast or coatings
Finish	Gloss
Dry Film Thickness	60 mils per coat
Solids Content	100% Solids



Theoretical Coverage Rate 85 linear feet at 1/4" bead or 27 square feet per gallon at 60 mils

VOC Value(s) Zero VOC's

Limitations Blackhawk 5715 should not be used where it will be exposed to high concentrations of oil or organic solvents. With extended UV exposure slight chalking may occur.

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.

Steel Use sandpaper and/or solvents to remove any residual material to ensure bond direct to metal.

Previously Painted Surfaces Consult with ErgonArmor Technical Service Department

MIXING & THINNING

Mixing Blackhawk 5715 is conveniently mixed using an included static mixing applicator nozzle affixed to a 750 mL x 100 mL cartridge.

The 750 mL x 100 mL cartridge is best applied using an Albion Model B26T850 dual cartridge gun. For more information on this gun, visit: www.albioneng.com and search for B26T850 in the search bar.

Do not allow moisture contamination into the mix.

Caution: Material that reaches its full cure cannot be recovered. Therefore, it is recommended to guard against material set up on tools.

Components Two: Part A Resin and Part B Hardener
Thinning DO NOT THIN

Ratio 7.5:1

Usable Time Material may be unworkable in as little as 15 minutes.

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 chip brush or stiff bristle brush

Roller Use short-nap phenolic core roller

Trowel A round/bull-nose roofing trowel is ideal. In troweling, wetting the trowel with mineral spirits will ease the pull required.

Dry to Touch 45 minutes

Full Cure
10 minutes at 32°C (90°F)
20 minutes at 24°C (75°F)
30 minutes at 16°C (60°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 product 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 Parts A & B: 12 months at 75°F (24°C) when kept at recommended storage conditions and in original unopened containers.

Shipping Weight (Approximate) 6 cartridges per carton
Carton weight: 16 lbs. (7.26 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.

PERFORMANCE DATA

EVALUATIONS	TEST METHOD	VALUES
ASTM D412	Tensile Strength	450 psi
ASTM D412	Elongation	70%
ASTM D 2240 Shore A at 25°C	Shore A ASTMD2240 at 77°F	70

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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.