

SELECTION & SPECIFICATION DATA

Type	Urethane Modified Asphalt
Description	Blackhawk 5715 is a 100% solids two-component elastomeric compound of asphalt and polymers and is designed as a trowelable 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.
Uses	<ul style="list-style-type: none"> • Plant floors • Highway joints • Bridge decks • Tank chimneys • General waterproofing • Industrial atmospheres • Bonds to concrete, metals, masonry, wood, and asphalt pavement. • Scrim sheeting can be used for added reinforcement over cracks, details, and horizontal to vertical transitions.
Color	Black
Primer	Self-priming on most concrete and metal surfaces. Novocoat SC1100 Concrete Primer may be used to reduce the risk of out-gas blisters on concrete.
Topcoats	Aggregate broadcast or coatings
Finish	Gloss
Dry Film Thickness (DFT)	60 mils per coat
Solids Content	100% solids
Theoretical Coverage Rate	85 linear feet at 1/4 in bead or 27 square feet per gallon at 60 mils
VOC Value(s)	Zero VOCs
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

All	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 and Concrete Masonry Unit (CMU)

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 minimum 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.

Thinning

Do not thin

Ratio

7.5:1

Work Life

Material may be unworkable in as little as 15 minutes.

APPLICATION EQUIPMENT GUIDELINES

Brush	Chip brush or stiff bristle brush
Roller	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 90°F (32°C) 20 minutes at 75°F (24°C) 30 minutes at 60°F (16°C)

CLEANUP & SAFETY

Cleanup	Mineral spirits
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 safety data sheets before using.
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	12 months at 75°F (24°C) when kept at recommended storage conditions and in original unopened containers.
Package Sizes & Shipping Weight	6 cartridges per carton Carton weight: 16 lbs (7.26 kg)
Storage Temperature & Humidity	40°F – 110°F (4°C – 43°C) Store at or near 50% relative humidity
Storage	Store Indoors. This product is not affected by excursions below these published storage temperatures, down to 10°F (-12°C), for a duration of no more than 14 days. Always inspect the product prior to use.

PERFORMANCE DATA

- Service temperature is -80°F to 200°F (-62°C to 93°C)
- Resistant to acids, alkalis and salts

TEST METHOD	PROPERTY	VALUES
Tensile strength	ASTM D412	450 psi
Elongation	ASTM D412	70%
Shore A at 77°F (25°C)	ASTM D2240	70

Rev 09/19

TERMS AND CONDITIONS OF SALE

While 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. For all Terms and Conditions of Sale see ergonarmor.com.