

SELECTION & SPECIFICATION DATA

Type	Urethane Modified Asphalt
Description	Blackhawk 5715 Sealant 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 Sealant is packaged in a convenient 750 mL x 100 mL dual cartridge.
Features	• Excellent slump resistance • High-build consistency • No shrinkage • Adherence to multiple surfaces.
Uses	• 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 Primer/Sealer may be used to reduce the risk of out-gas blisters on concrete.
Topcoat	Aggregate broadcast or coatings
Finish	Gloss
Dry Film Thickness (DFT)	60 mils per coat
Solids Content	100% solids
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.
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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 Armor Technical Service.

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.

Cleanup Mineral spirits

APPLICATION 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)

PACKAGING & HANDLING

ITEM#	PACKAGING
K-5715-TBE-001	Cartridge - 850 mL
Theoretical Coverage Rate	85 linear feet at 1/4-inch bead or 27 square feet per gallon at 60 mils.
Storage & Shelf Life	Estimated shelf life is 12 months when stored in a dry area at 75°F (24°C). Actual shelf life may vary with storage conditions. Do not store below 40°F (4°C) or above 110°F (43°C). Store at or near 50% relative humidity. 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.

SAFETY

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.

TYPICAL PHYSICAL PROPERTIES

- 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

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