

## SELECTION & SPECIFICATION DATA

|                                 |   |
|---------------------------------|---|
| <b>Type</b>                     | Urethane Modified Asphalt   |
| <b>Description</b>              | 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. |
| <b>Features</b>                 | <ul style="list-style-type: none"> <li>• Excellent slump resistance</li> <li>• High-build consistency</li> <li>• No shrinkage</li> <li>• Adherence to multiple surfaces.</li> </ul>   |
| <b>Uses</b>                     | <ul style="list-style-type: none"> <li>• Plant floors</li> <li>• Highway joints</li> <li>• Bridge decks</li> <li>• Tank chimneys</li> <li>• General waterproofing</li> <li>• Industrial atmospheres</li> <li>• Bonds to concrete, metals, masonry, wood, and asphalt pavement.</li> <li>• Scrim sheeting can be used for added reinforcement over cracks, details, and horizontal to vertical transitions</li> </ul>                    |
| <b>Color</b>                    | Black   |
| <b>Primer</b>                   | 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.   |
| <b>Topcoat</b>                  | Aggregate broadcast or coatings   |
| <b>Finish</b>                   | Gloss   |
| <b>Dry Film Thickness (DFT)</b> | 60 mils per coat  |
| <b>Solids Content</b>           | 100% solids   |
| <b>VOC Value(s)</b>             | Zero VOCs   |
| <b>Limitations</b>              | 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

|            |  |
|------------|--|
| <b>All</b> | 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.

## 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](http://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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