

SELECTION & SPECIFICATION DATA

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| Type | Precast Concrete Joint Sealant |
| Description | Blackhawk 5401 Pipe Joint Mastic is a tough, permanent bituminous sealer of heavy trowel consistency. This material seals precast concrete storm and sanitary joints and will not crack or deteriorate under normal service conditions. |
| Features | <ul style="list-style-type: none"> • Can be used on various joint sizes • Remains flexible in temperature extremes • Impervious to water sewage and roots |
| Uses | Blackhawk 5401 Pipe Joint Mastic is used to seal and connect intersections of pipe and culverts. |
| Primer | Self-priming |
| Solids Content | 87% by volume |
| VOC Value(s) | < 250 g/L |
| Limitations | Only apply material to joint within 2 hours of installation. This will prevent hardening of material before homing the joint. |

SUBSTRATES & SURFACE PREPARATION

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| 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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MIXING & THINNING

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| Mixing | No mixing required |
| Thinning | Do not thin |
| Cleanup | Mineral spirits |

APPLICATION GUIDANCE

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| Trowel | Apply to surface with a trowel or gloved hand. Form a layer of mastic so that it creates a 45 degree slope off of the top of the pipe joint that thins out toward the end of the pipe. |
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PACKAGING, ESTIMATING & HANDLING

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| ITEM# | PACKAGING |
| K-5401-005-001 | Pail - 4.7 gallons |

Theoretical Coverage Rate

| TONGUE AND GROOVE LBS PER JOINT | |
|---------------------------------|----------------|
| 12 in - 1.65 lbs | 33 in - 15 lbs |
| 15 in - 2.8 lbs | 36 in - 19 lbs |
| 18 in - 4.3 lbs | 42 in - 29 lbs |
| 21 in - 5.5 lbs | 48 in - 38 lbs |
| 24 in - 7.7 lbs | 54 in - 50 lbs |
| 27 in - 8.5 lbs | 60 in - 60 lbs |
| 30 in - 10 lbs | 72 in - 90 lbs |

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 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 to make sure it is smooth and homogeneous and properly mixed.

SAFETY

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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 safety data sheets before using. |
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TYPICAL PHYSICAL PROPERTIES

| TEST METHOD | RESULTS |
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| Inert mineral filler % by weight (SS-S-210A) Meets ASTM D4541 | 15 - 50% minimum |
| Penetration at 77°F (25°C) | 175 - 300 dmm |
| Flow at 140°F (60°C) | No flow |
| Pliability at 0°F (0°C) | Remains pliable |

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