

BlackhawkTM 5401 Pipe Joint Mastic

SELECTION & SPECIFICATION DATA

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	• 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

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

Mixing	No mixing required
Thinning	Do not thin
Cleanup	Mineral spirits

APPLICATION GUIDANCE

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

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.
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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.
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TYPICAL PHYSICAL PROPERTIES

TEST METHOD	RESULTS
Inert mineral filler % by weight (SS-S-210A)	15 - 50% minimum
Meets ASTM D4541	
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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