





**READ BEFORE USING THIS PRODUCT**

**GENERAL** Crafcro RoadSaver 221 sealant is a hot-applied asphalt based product used to seal and fill cracks and joints in asphalt or portland cement concrete pavements in moderate to cold climates. RoadSaver 221 is supplied in solid form which when melted and properly applied forms a resilient, adhesive and flexible compound that resists cracking in the winter and is resistant to flow and pick-up at summer temperatures. RoadSaver 221 is used in highway, street, and airfield pavements and is applied to pavement cracks and joints using either pressure feed melter applicators or pour pots. At application temperature RoadSaver 221 is a free flowing, self-leveling product. RoadSaver 221 is a widely used, excellent performing sealant that has been a quality Crafcro product for 25 years. VOC = 0 g/l.

**USAGE GUIDELINES** RoadSaver 221 pavement temperature performance limits are 64-28 for crack sealing and 64-34 for crack filling. Usage recommendations are shown in Crafcro pavement temperature grade charts shown at the right. Refer to Crafcro Product Selection Procedures to determine sealant or filler use and pavement temperature grades.

	Suited for Use
	Recommended
	Performance Limits
	Not Recommended

High Temperature Grade (°C)

°C	58	64	70	76	82
-4					
-10					
-16					
-22					
-28					
-34					
-40					
-46					

Low Temperature Grade (°C)

**Pavement Temp for Sealant Usage**

High Temperature Grade (°C)

°C	58	64	70	76	82
-4					
-10					
-16					
-22					
-28					
-34					
-40					
-46					

Low Temperature Grade (°C)

**Pavement Temp for Filler Usage**

**SPECIFICATION CONFORMANCE** RoadSaver 221 meets all requirements of ASTM D6690 (AASHTO M324), Type II, "Joint and Crack Sealants, Hot-Applied, for Concrete and Asphalt Pavements", (formerly ASTM D3405 and AASHTO M301). It also exceeds requirements of ASTM D6690 (AASHTO M324), Type I, (formerly ASTM D1190, AASHTO M173), and Federal Specification SS-S-164.

**ASTM D6690 (AASHTO M324)**

Test	Type II Spec. Limits
Cone Penetration	90 max.
Flow	3mm max.
Softening Point	176°F (80°C) min.
Resilience	60% min.
Bond, -20°F (-29°C), 50% ext.	Pass 3 cycles
Asphalt Compatibility	Compatible
Minimum Application Temperature	380°F (193°C)
Maximum Heating Temperature	400°F (204°C)

**INSTALLATION** The specific gravity of Crafcro RoadSaver 221 is 1.26 at 60°F. Prior to use, the user must read and follow Installation Instructions for Hot-Applied RoadSaver, PolyFlex, Parking Lot and Asphalt Rubber Products to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of product.

**PACKAGING** Product can be supplied in either standard cardboard boxes, or in meltable, boxless PLEXI-melt packaging. Both packaging types are labeled in accordance with OSHA, GHS, and specification requirements; are sold by net weight; are supplied interlock stacked on 48 by 40 inch 4-way pallets; can be stored outside; and are covered with a weather resistant pallet cover and 2 layers of UV protected stretch wrap.

BOX packaging consists of cardboard boxes containing approximately 30 lb. of product with 75 boxes per pallet, weighing approximately 2250 lbs. Boxes contain a quick melting release film enabling easy removal of product from the box. Boxes are taped closed, without any staples.

PLEXI-melt packaging consists of blocks containing 25 lb. of product with 80 packages per pallet, weighing 2000 lbs. To use, the pallet wrapping is removed, and the individual blocks are placed in the melter. There are no cardboard boxes to open, empty, or dispose of. The PLEXI-melt wrapping quickly melts into the product without affecting properties.

**WARRANTY** CRAFCO, Inc. warrants that CRAFCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing or filling are beyond our control as are the use and application of the products; therefore, Crafcro shall not be responsible for improperly applied or misused products. Remedies against Crafcro, Inc., as agreed to by Crafcro, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafcro, Inc. All claims for breach of this warranty must be made within three (3) months of the date of use or twelve (12) months from the date of delivery by Crafcro, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafcro recommendations for product installation.**