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PRODUCT DATA SHEET AND INSTALLATION INSTRUCTIONS

QWIKSEAL

PART NO. 33900 and 33901

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READ BEFORE USING THIS PRODUCT

GENERAL Crafco Qwikseal is a peel and stick pressure sensitive polymer modified asphalt product used as overband crack treatment for cracks in asphalt concrete or portland cement concrete pavements in cold to hot climates. Qwikseal is supplied in 50 foot (15.2m) long rolls either 2.5inches (6 cm) wide (Part No 34900) or 4 inches (10 cm) wide (Part No. 33901) and is 1/16 inch (1.6mm) thick. Qwikseal is highly adhesive and flexible to resist cracking in the winter and tracking in hot climates. Qwikseal can be used in highway, street, airfield and parking lot pavements. Qwikseal is installed by unrolling onto the pavement with the exposed adhesive side down, pressure rolling to secure in place, removing the release liner from the surface, and then lightly heating to secure in place. Qwikseal provides a flexible, traffic resistant overband crack filling installation. Qwikseal does not require melters or pumps for installation. Since Qwikseal is pre-sized, it is always installed in the correct geometry, without over or under application. The 2.5 inch wide Qwikseal is used for relatively straight cracks up to ½ inch (12 mm) wide, and the 4 inch (10 cm) wide Qwikseal is used for cracks up to 1.5inches (38mm) wide. Use of 4 inch Qwikseal also helps to cover cracks that curve and meander. VOC = 0 g/l.

USAGE GUIDELINES Qwikseal pavement temperature performance limits are 76-34 for crack filling. Usage recommendations are shown in the Crafco pavement temperature grade chart shown at the right. Refer to Crafco 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 Filler Usage

SPECIFICATION CONFORMANCE

Crafco Qwikseal meets the following requirements:

Tests	Specification Limit
Softening Point (ASTM D36) *	225°F (107°C) min.
Flexibility 90° Bend, 1" (25mm) mandrel (ASTM D3111)	Pass at -30°F (-34°C)
Cone Penetration, 77°F (25°C) (ASTM 5329)*	50 max..
Elongation 77°F (25°C)	1000% min.
Opening to Traffic Time	Immediate

*Note, these tests require heating Qwikseal to 350F (177C) according to ASTM D5167 to prepare the test specimens.

INSTALLATION

Prior to use, all persons involved with installation shall read the MSDS for Qwikseal and follow the listed safety requirements. Each Qwikseal roll will treat 50 lineal feet (15.2m) of cracks. Pavement surfaces must be clean and dry prior to installation. Surfaces should be blown clean with high pressure clean, dry, oil free air at a minimum pressure of 90 psi (62 kpa) to remove all dust, dirt, or other surface contaminants. Minimum pavement temperature for installation is 70F (21C), and minimum air temperature is 40F (4C). If pavement or air temperature is less than 70 F (21C), the pavement surface is to be warmed with a torch or heat lance. To install, Qwikseal is unrolled onto the pavement surface with the adhesive side down. When unrolling, assure the crack is centered within the strip and that Qwikseal extends at least 1 inch (25mm) beyond each crack edge. For meandering cracks, Quickseal can be bent to follow moderate curves. When making sharp turns cut the Qwikseal strip and butt to the edge of the previous strip. Do not overlap. When installing do not allow wrinkles or flaps to form when following curving cracks. After Qwikseal is applied, and with the release liner still on the strip, apply pressure to the strip to establish adhesion. The release liner is then removed. For best performance, edges of Qwikseal are then lightly heated with a torch or heat lance to melt down and heat fuse to assure a watertight seal. To remove surface tack quickly, apply Crafco Detack or other detackifier to the surface prior to opening to traffic or pedestrians.

PACKAGING

Rolls of Qwikseal are packaged in waterproof plastic pails for ease of transport and use. The 2.5 inch (6 cm) wide Qwikseal is packaged 5 rolls per pail (250 lineal feet – 76m), and the 4 inch (10 cm) wide Qwikseal is packaged with 3 rolls per pail (150 lineal feet-45.6m). Qwikseal is sold by the pail.

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, Crafco shall not be responsible for improperly applied or misused products. Remedies against Crafco, Inc., as agreed to by Crafco, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafco, 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 Crafco, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafco recommendations for product installation.**