



FREDDIE FLEX Product 3655 DATA SHEET

DESCRIPTION: FREDDIE FLEX is a fast curing, premium quality, hot applied single component crack & joint sealant. Our best all around sealant. Only the most appropriate high quality synthetic elastomers, polymers, and anti-oxidants meeting exacting standards are used in combination with select asphalt plasticizers and naturally occurring reinforcing materials. The sealant contains no solvent, is highly waterproof and resistant to a wide range of salts, bases, and organic materials. FREDDIE FLEX is tested for low temperature flexibility at -20EF (-29EC).

USE: FREDDIE FLEX is an excellent sealant for road, airport and parking area applications for sealing longitudinal and traverse joints and random cracks in Asphalt or Concrete pavements where a fast curing sealant is desirable. The material's superior combination of fast melting, low viscosity and above average high and low temperature properties result in a sealant preferred by many experienced applicators and end users alike.

HEATING: Material shall be heated in an **SBR Systems, Inc.** direct fire melter capable of mechanical agitation and equipped with a calibrated thermometer to monitor sealant temperature. Material may also be heated in an oil jacketed melter with agitation. Material shall be heated to and maintained at the Recommended Application Temperature during use. Material can be cooled and then reheated, but only if prolonged heating is avoided. Prolonged heating at or above Recommended Application Temperature may severely damage product. If overheating damage occurs, immediately drain machine completely and refill with new material.

APPLICATION: FREDDIE FLEX is pre-reacted and can be applied immediately after heating to Recommended Application Temperature. With pavement temperature at 40EF (4EC) or higher, place material into clean, dry crack or prepared reservoir by means of an MA10 Melter/Applicator, hand-held pot, wheeled push bander or wand applicator. Squeegee any excess sealant tight to pavement surface. Excessive over-banding should be avoided. Pavement may be warmed to 40EF (4EC) or higher with a hot air lance. Sealant will be ready for traffic as soon as it has cooled complete

PROPERTIES OF FREDDIE FLEX:

When sampled and heated to maximum heating temperature in accordance with ASTM D5167

TEST METHOD SPECIFICATION

Cone Pen @ 77EF (25EC) ASTM D5329 75 dmm maximum

Cone Pen @ 122EF (50EC) ASTM D5329 120 dmm maximum

Flow @ 140EF (60EC) ASTM D5329 1 mm maximum

Extension @ 77EF (25EC) DATM** 1000% minimum

Extension @ OEF (-18EC) DATM** 500% minimum

Low Temperature Flexibility DATM** Pass @ -20EF (-29EC)

Softening Point ASTM D36 200EF (93EC) minimum

Resilience ASTM D5329 60% minimum

Bond ASTM D6690-I Modified Pass

Asphalt Compatibility ASTM D5329 Complete

Curing Time Non-tracking to moving traffic 30 minutes maximum

Weight/Applied Gallon 8 lbs. (3.6 kg) maximum

Recommended Application Temperature ASTM D5167 380 - 400EF (193 - 204EC) *

Maximum Heating Temperature ASTM D6690 400EF (204EC)

*Temperature of product measured at pavement surface. Use highest Recommended Application Temperature in cool weather.

*Prolonged heating at or above Recommended Application Temperature may severely damage product.

PACKAGING: FREDDIE FLEX is packaged in cardboard boxes sized to accommodate a maximum of 40 lb (18.0 kg).

Material contained in each box is wrapped in a quick melt liner which is

dissolved and incorporated into the melted product. Standard

packaging is 30 lb (13.6 kg) per box, palletized 75 boxes per

pallet with an approximate net weight of 2,250 lb (1,021.0 kg).

Pallets are moisture protected with a plastic wrapping and bound

with a minimum of two layers of UV resistant stretch wrap.

PERFORMANCE: Temperature fluctuations, site conditions, surface preparation, traffic, installation technique, material selection, shape factor and surface treatment compatibility influence the effectiveness and useful life of Pavement Preservation treatments. Consider and monitor each element for optimum results.

Purchaser and end user should determine applicability for use in their specific conditions.

**FOR ADDITIONAL INFORMATION Call: 1,800.877.3369 Toll Free anywhere
in the U.S. Email: sbrsystems@comcast.net Web: <http://www.sbrsystems.com>
WARRANTY: COMPLETE DETAILS ON REVERSE SIDE OF THIS DATA SHEET**