



RW 306 CS1

Product Data Sheet

Description:

RW 306 CS1 is a high performance hot applied polymer modified, recycled rubber asphalt crack/joint sealant. It is formulated to provide a resilient, fast curing sealant that is resistant to pick-up in summer temperatures.

In its molten state RW 306 CS1 has excellent flow properties ensuring total penetration of the cracks and joints without voids or air pockets.

Uses:

RW 306 CS1 is particularly suitable for use on both asphalt and concrete pavements in warm and hot climates.

RW 306 CS1 is designed for highways, streets where slow moving traffic is a concern.

Surface Preparation:

RW306 CS1 must be applied to a clean, dry surface, free from all loose material, and all vegetation and detritus must be removed.

Application to wet or dusty surfaces will result in adhesion failures.

All joints and cracks should be thoroughly cleaned with the use of a hot air gas lance prior to application.

Application:

RW 306 CS1 sealant must be heated in a purpose built pre-heater equipped with mechanical agitation, and an oil jacket. Application may be done by wand or wheeled banding machine.

Packaging:

RW 306 CS1 is supplied in recyclable cardboard cartons. Each carton comprises of 30 lb of sealant in a dissolvable inclusion bag

Specification:

RW306 CS1 meets the requirements of Caltrans NSSP 37-400 Type 1

Physical Properties

Cone Penetration 25°C/77°F (ASTM D5329)	35 Max
Softening Point (ASTM D36)	102°C/215°F Min
Resilience 25°C/77°F (ASTM D5329)	20% -60%
Viscosity 193°C/380°F (ASTM D4402)	20-30 Poise
Flow 60°C/140°F (ASTM D5329)	0 Max
Flexibility 0°C/32°F (ASTM D3111)	Pass
Tensile adhesion (ASTM D5329)	300% Min
Flash Point (COC)	>440 Min
Asphalt Compatibility	Pass
Application temperature	193°C/ 380°F Max
Safe heating temperature	204°C/400°F Max
Specific Gravity 25°C/77°F	1.10
VOC	0 g/l

Precautions:

Exercise caution when handling hot sealant.

Wear gloves, long sleeved shirts, face shields, safety boots and other safety clothing at all times.

DO NOT allow water to come in contact with hot material.

In the event of fire, extinguish with Co2, Foam or Dry Chemical.

Warranty

RW Material LLC warrants that our products meet applicable specification at time of shipment. Any techniques, preparations and applications, made outside the stated use are beyond our control and liability. RW Materials LLC is limited to: replacement of any nonconforming product or a refund (full or in part) of purchase price. Any and claims for breach of warranty must be made within (3) months of date of use or (12) months from the date of purchase whichever is earlier.

SDS sheet upon request.

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