



RW 306 LDS

Product Data Sheet

Description:

RW 306 LDS is a single component flexible hot applied polymer modified, recycled rubber asphalt Loop Detector 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 LDS has excellent flow properties ensuring total penetration of the loop detector cuts without voids or air pockets.

Uses:

RW 306 LDS is particularly suitable for use on both asphalt and concrete pavements.

RW 306 LDS is designed for all traffic detection devices.

Surface Preparation:

RW306 LDS must be applied to a clean, dry surface, free from all loose material.

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

Application:

RW 306 LDS sealant must be heated in a purpose built pre-heater equipped with mechanical agitation, and an oil jacket. Applied with a pressure feed applicator or pour pot, when the pavement surface temperature is greater than 4°C / 39°F.

Packaging:

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

Specification:

RW306 LDS meets the requirements of Caltrans Section 86-5.01a Specification.

Physical Properties

Cone Penetration 25°C/77°F (ASTM D5329)	35 Max
Softening Point (ASTM D36)	82°C/180°F Min
Resilience 25°C/77°F (ASTM D5329)	25% Min
Viscosity 190°C/374°F (ASTM D150)	25-35 Poise
Flow 60°C/140°F (ASTM D5329)	5mm Max
Ductility 25°C 50mm/min (ASTM D113)	300mm 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.

MSDS sheet upon request.

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