



# RW 306 D1

## Product Data Sheet

### Description:

RW 306 D1 is a high performance hot applied joint and crack asphalt sealant modified with polymer and recycled rubber. It is formulated to provide a resilient sealant resistant to cracking in winter and resistant to flow in summer temperatures.

In its molten state RW 306 D1 has excellent flow properties ensuring total penetration of the cracks and joints without voids or air pockets.

### Uses:

RW 306 D1 is particularly suitable for use on both asphalt and concrete pavements in cold and hot climates.

RW 306 D1 is designed for highways, streets and airfields.

### Surface Preparation:

RW306 D1 must be applied to a clean, dry surface, free from all loose material.

All vegetation and detritus must be removed by grinding, routing or wire brush.

All joints and cracks should be thoroughly cleaned with the use of a hot air gas lance prior to application. Application to wet or dusty surfaces will result in adhesion failures.

The substrate and air temperature must be 40°F/4°C and rising.

### Application:

RW 306 D1 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 D1 is supplied in recyclable cardboard cartons. Each carton comprises of 30 lb of sealant in a dissolvable inclusion bag.

### Physical Properties

Cone Penetration 25°C/77°F (D5329)	90 Max
Softening Point (D36)	80°C/176°F Min
Resilience 25°C/77°F (D5329)	50% Min
Bond -18°C/0°F 50% Ext	Passes 5 cycles
Viscosity 193°C/380°F (D4402)	15-25 Poise
Flow 60°C/140°F (D5329)	3mm Max
Flash Point (COC)	>440°F Min
Asphalt Compatibility (D5329)	Pass
Application temperature	193°C/380°F Max
Safe heating temperature	204°C/400°F Max
Specific Gravity 25°C/77°F	1.1
VOC	0 g/l

### Specifications:

RW306 D1 meets the requirements of ASTM D 6690 Type I, D1190, AASHTO M-173 and Fed SS-S-164

### 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. All 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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