

DESMOTOP -RR 2008

ONE COMPONENT POLYURETHANE BINDER

PRODUCT DESCRIPTION & PROPERTIES

DESMOTOP-RR 2008 is a moisture cure, single component polyurethane binder. It is designed for track & field and playground applications. It provides excellent adhesion to SBR and EPDM rubber granules. **DESMOTOP-RR 2008** is based on premium quality aliphatic polyurethane prepolymer for excellent U.V stability.

TECHNICAL DATA

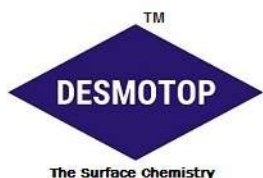
Color	Transparent
Viscosity	3500 - 8000 mPas @ 25°C
Special Gravity	1.06 - 1.18 kg/lit
Application temperature	10 – 40 °C
% NCO	10.0 + /-1%
Curing Time (25°C)	9- 12 hours

APPLICATION METHOD

DESMOTOP-RR 2008 is ready for use as supplied and should be mixed with dry rubber granules as follows :

Binder	: 15-20% by weight
Rubber Granules	: 80-85% By Weight

- Good Mixing of **DESMOTOP-RR 2008** into rubber crumb mixture until completely wetted. The mixture should be prepared and mixed in a clean and dry mechanical mixer until a homogenous mixture is obtained.
- The mixing period in the mixer after having added the binder to the rubber granules should be 3-5 minutes depending on the quantity being mixed. This mixture can be applied onto the asphalt or concrete with a trowel in order to obtain a uniform surface. The surface hardens through the reaction of the binding agent with humidity.
- **Surface preparation:** Before application the surface to be coated must be clean, dry and free of oil, grease and dirt. Full curing takes place 9-24 hours after application. Do not apply over wet substrates. To achieve an even adhesion throughout the entire area ground must be treated with a primer prior to installation.
- **Applications:** Athletic running track base layer, shock pad for football and hockey, Indoor and outdoor sports facilities, Jogging track base layer and synthetic surfaces.



CONSUMPTION

1.2 kg **DESMOTOP-RR 2008** mixed with recycled rubber granules with proper mixer

APPLICATION TOOLS

A suitable paving machine or a hard straightedge and a flat trowel



PACKAGING

DESMOTOP-RR 2008 supplied in 200kg and 25 kg drum



STORAGE

12 month in original closed packing under dry conditions at a temperature range 5°C and 25°C

SAFETY

Avoid breathing vapors. Avoid contact with skin and eyes. Take precautions during applications. Wear suitable protective clothing gloves and eyes/face protection. Adequate ventilation of the working area is recommended. refer to SDS sheet prior to use.