

DESMOTOP-C301

COLORED TWO-COMPONENT POLYURETHANE SPRAY COATING

PRODUCT DESCRIPTION & PROPERTIES

DESMOTOP-C301 is low viscous, two component polyurethane, structural spray coating. **DESMOTOP-C301** exhibits good adhesion to either prefabricated or in situ rubber granules mats. For the construction of the spray coat running track surfaces, it is mixed with EPDM granules (0.5-1.5mm). Due to the high elasticity and excellent mechanical properties of **Desmotop-C301**

TECHNICAL DATA

Mixing Ratio	85 % : 15% (By weight)
Viscosity (25°C)	1000-3000 mPas
Pot - life (25°C)	Approx 40 min at 25°C
Application temperature	10 – 40 °C
Curing Time (25°C)	9- 12 hours
Color	

APPLICATION METHOD

Before Application **DESMOTOP-C301** has to be homogenised by rolling the drums, The optimal temperature of the material before and during application is not higher side.

- Application of primer coating on concrete or asphalt base surface
- Application of the **base coat Athletic Running track** with wet -pour mixture made of DESMOTOP-RR 2009 and recycled SBR rubber granules.
- After the Base coat surface is fully cured (potlife and curing time of Desmotop-RR 2009 depend on temperature and humidity, 48-72h). The application of final spray coating of athletic Running track, EPDM granules and EPDM powder are added to Desmotop-C301 and mixed using mixing device, until the blend homogeneous (EPDM 0.5-1.5 mm)
- The mixing must be done thoroughly until all the EPDM granules are coated. The mixing time with the proper mixer will last from 1 to 2 minutes. The consistency of the mix can be diluted by adding max 2% solvent (Xylene, alcohols)
- Never use moist EPDM granules or powder as the low potlife can be shortened and the surface and the cleaning of the spray machine will be impaired.

- The two components of DESMOTOP-C301 are thoroughly mixed at site. The EPDM granules and the DESMOTOP-C301 are mixed and applied with a suitable spraying machine, Then the top spray coat of the Athletic running track system is applied in two layers. The curing time of the top spray coating of the Athletic Running track system is 9-12 hrs. After this time, The second layer can be applied
- Curing takes place at ambient temperature and is influenced by moisture. Higher temperatures and moisture will shorten the cure time. After 3-5 days, The top spray coating of the Athletic running track system is fully cured.

CONSUMPTION

- Consumption of DESMOTOP-C301 : 1.3 Kg/m².
- Consumption of mixture of the top spray coating of the athletic running track system (DESMOTOP-C301 plus EPDM 0.5-1.5mm thicknes, two layers): 2.10kg/m².

RATIO

65:35 DESMOTOP-C301 : EPDM 0.5-1.5mm (By Weight)

APPLICATION TOOLS

Spraying machine



PACKAGING

DESMOTOP-C301 is supplied in barrels and drum



STORAGE

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