

## TOT-MS SPORT

### MS-Polymer adhesive sealant for artificial grass

#### 1. DESCRIPTION

One component moisture curing elastic adhesive and sealant based on MS-Polymer. Silicone, isocyanates and solvent free.

Excellent adhesion on a wide range of materials used in building industry: concrete, bricks, wood, natural or artificial stones, ceramic, etc. No adhesion on polyethylene and Teflon (PTFE). Adhesion on humid surfaces.

Very good weathering and ageing properties. UV-resistant and permanently elastic. No attack or corrosion of metals. For Indoor and outdoor uses. Very good paint compatibility with most industrial paint, lacquer and coating systems. Odourless and easily extrudable.

#### 2. APPLICATIONS

Suitable for the bonding and sealing of artificial grass on union strips, asphalt, rubber, concrete, wood or metal brackets. Also suitable for bonding rubber tiles in children areas.

#### 3. TECHNICAL DATA

DELIVERY FORM:		CURED PRODUCT:	
Basic material:	MS-Polymer	Hardness Shore A:	34 ± 4 <sup>(3)</sup>
Specific weight:	1,49 g/ml	Elongation at break:	> 250 % <sup>(2)</sup>
Consistency:	Thixotropic paste.	Modulus at 100% elongation:	0.80 ± 0.1 Mpa <sup>(2)</sup>
Application temperature:	+5 +50 °C.	Tensile at break:	> 1,1 Mpa <sup>(2)</sup>
Character	Elastic.	Tack-free:	10 -20 Min. <sup>(1)</sup>
Colour:	Green	Volume change after 2 hours	3%
Easy to extrude and odourless. Can be painted.		Temperature resistance:	-30°C + 80°C
		Temperature resistance SHORT:	+ 110 °C

<sup>(1)</sup>23°C, 50 %HR. <sup>(2)</sup> According DIN 53504. <sup>(3)</sup>According DIN 53505.

#### 4. INSTRUCTIONS FOR USE

The surfaces to seal should be firm, consistent (sound), clean and free from dust and grease.

Cut the conical tip of the cartridge, screw on the nozzle and cut to required size. Insert the cartridge to the applicator gun and extrude the adhesive in continue cordons or by points. Place the artificial grass coating and carefully make pressure to assure a better contact between the adhesive and the substrate.

Fresh adhesive can be cleaned with Collak D.L. Once the product is cured tools only can be cleaned using mechanical methods.

#### 5. PACKING

280 ml. cartridges (12 cartridges / carton)

#### 6. STORAGE

Can be stored for 12 months in closed (unopened) container in a dry place at temperatures between +5°C and +30°C.

#### 7. CAUTIONS

No specific safety precautions required. Consult safety data sheet. Keep away from children.