

## Technical Data Sheet

### SN RED

Polyurethane one-component sprayable adhesive

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#### 1. Purpose

SN RED is one-component, pigmented adhesive intended to perform the top layer of sport surfaces and playgrounds.

#### 2. Physical-chemical properties

State of aggregation	liquid
Colour	red
Viscosity at 25°C [mPas]	500 – 2000
Density at 20°C [g/cm³]	1,0 – 1,1

#### 3. Technological features\*

SN RED polyurethane adhesive hardens by reaction with moisture contained in air. The adhesive hardening times get shorter and shorter together with temperature increase and with air and glued materials moisture increase. After bonding the adhesive forms flexible joint and it is resistant to temperatures from -40 to +80 °C.

#### 4. Processing conditions

Processing temperature range:

+5 to +40 °C

Optimal humidity:

50 – 70 %, no precipitation

Time necessary to achieve full strength of the joint

48 h

Utility time:

metal containers (drums, cans and the like)

12 months

IBC containers

6 months.

The adhesive should be stored in tightly closed containers at 15 – 30 °C. After the container opening the adhesive volume necessary should be picked up and the container tightly reclosed.

#### 5. Way of use

SN RED and red color granulate (EPDM 0,5-1,5mm) should be mixed in mixer of spraying device, in mass ratio 3:2, for the time providing to coating every granule with the adhesive layer. This mixture should be sprayed in two thin layers over the dry substructure. The substructure should be made of SBR granulate mixed with SW adhesive. The absolute thickness of sprayed layer should be equal 2 mm. The curing time depends on air humidity and temperature and it takes at least 12 hours.

The pigment contained in SN RED can sediment, so mixing of the glue before use is recommended.

Tab. Consumption of spray mixture components (kg/m²)

Layer thickness	EPDM granulate 0,5-1,5 mm	SN RED
2 mm	0,8 ± 10%	1,2 ± 10%

#### 6. Application safety

SN RED is harmful substance. Please be advised to read carefully the Safety Data Sheet of the product before use. Wear standard protective clothing when operating with the adhesive and wash off fresh contaminations with ACT solvent. Hardened adhesive can be removed mechanically.

#### \*Notes

Data contained in the sheet have been collected in model conditions. The results obtained in other conditions can be slightly different from data published.

**Every time the user is obliged to check the product and auxiliary agents usefulness for his intentional use.**

**The user is obligated to have a valid technical data sheet and safety data sheet of the product, which is provided by the manufacturer during the sale and every time on the customer's request.**

**Prior to processing the user must carefully read aforementioned documentation and follow the rules of procedure for product use.**