

Technical Data Sheet

EN

EKO SW

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Product description

The product is an adhesive used as binding agent for SBR and EPDM granulate for making of sports surfaces PolySport and playgrounds PolySoft and also for making mineral-rubber substructure PolySport ET.

State of aggregation	liquid
Colour	yellowish
Viscosity at 25°C [mPas]	2000 - 4000
Density at 20°C [g/cm ³]	1,05 - 1,07

Application method recommended

The surfaces must be done in the place of destination. Granulates (SBR, EPDM) and gravel (in case mineral-rubber substructure making) should be mixed with appropriate amount of adhesive in mixing device, for the time needed to surround every rubber crumb of appropriate amount of adhesive. The installation of the surfaces should be done at temperature 5-25°C under no precipitation. The top layer (EPDM) should not be made in strong insolation.

The detailed data concerning the mixing ratios of the components and the technology of production are included in Technical Data Sheets and Consumption Sheets of PolySport and PolySoft surfaces.

Optimum humidity	50 - 70%
Time for full strength of the joint achieving [h]	72
Application temperature range [°C]	5 - 25

Wash off fresh contaminations with Pursan ACT solvent. The hardened product can be removed mechanically.

Technological properties*

The product hardens by reaction with moisture that is contained in air and glued materials. At temperature rise and with air and joined materials moisture content rise the adhesive hardening time becomes shorter. The adhesive forms flexible joint after bonding, unaffected by temperatures from -40°C to +80°C.

The formulation of the adhesive is based on aromatic isocyanates, so the adhesive joint is not resistant to UV radiation which is component of sunlight spectrum. Therefore the sport surface can change the colour after building and during the usage.

The adhesive technological times in room conditions (23°C, 50% relative humidity)	
Potlife of mixture [h]	1
Hardening time [h]	24

Physical and mechanical product properties*

Class of reaction to fire acc. to DIN 4102	B3
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Transport and storage

Store in dry, well ventilated room, in tightly closed containers. Protect against moisture access and direct exposure to sunrays. Store away from heat sources, in the container originally packaged in a vertical position.

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One should open the container, take necessary volume of the adhesive and close it tightly again. Store in position making out-flow impossible.

Permissible temperature during transport [°C] 10 - 25

Recommended storage temperature [°C] 10 - 25

Storage life from manufacture date, if stored in recommended conditions and in original containers:

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|---|------------------|
| • metallic containers (drums, hobbocks, cans) | 12 months |
| • barrels, canisters and bottles made of plastics | 12 months |
| • IBC containers | 6 months |

Application safety

Read carefully Safety Data Sheet of the product before use. Wear standard protective clothing when operating with the product.

*Notes

Data presented in this information have been obtained during the system foaming in model conditions. The results obtained when foaming in other conditions can be slightly different from 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.