

SANAKRYL® TOP

Serial Number 9710

waterproof sealing compound for protection, repair and rehabilitation of flat roofs made from asphalt strips and polyurethane foam

Features:

SANAKRYL TOP is a single-component water-based waterproofing material prepared from the aqueous copolymer dispersions, pigments, fillers and special silicone additives. Flexible isolating mass **SANAKRYL TOP** is applied in liquid form and dries creating seamless waterproofing permanently flexible film with minimal water absorption, satisfying requirements for long-term exposure to water and weather conditions. **SANAKRYL TOP** along with a reinforcing fabric is a waterproof system for the repair of flat roofs with slope of min. 1° and long-term water stress, maximum of 6 months continuously without drying. The system is designed as a primary anchor and as a final sealing layer with **SANAKRYL TOP**. This system is used to protect, maintain and repair older roofing materials made from asphalt strips and foil roof repairs. **SANAKRYL TOP** can be used in fire hazard zones on the roofs at an angle of 15°.

Usage:

SANAKRYL TOP can be also used as a protective coating and as a new roof insulating polyurethane foam. As a protective coat of polyurethane foam roof insulation, **SANAKRYL TOP** has a fire classification of E. Simultaneously with the roofing paint **SANAKRYL TOP** can also be used to coat roof accessories of galvanized metal, aluminum and steel sheet coated with anticorrosive paint. It is not intended for maintenance and repair of foil coverings.

Technical data:

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| Dry matter | min. 65 wt. % |
| Specific weight | 1,4 g /cm ³ |
| pH | 8,0–10,0 |
| Viscosity Brookfield (A/5/10) | 13–21 Pa.s (23 °C) |
| Water resistance | 0,0 l/m ² per hour |
| Absorption | max. 5 % |
| Tensile strength | 1,5 MPa |
| Elongation | 110 % |
| Surface adhesion | min. 0,5 MPa |
| Content of volatile organic compounds (VOC): | |
| Category/subcategory of product | A/i |
| Max. volume of VOC in product | 5 g/l |
| | 0,00357 kg/kg |

Consumption:

0,5–1,0 kg/m² – protective coating (1 layer)

1,0 kg/m² – protective polyurethane foam paint for roof (1 layer)

2,5–3,0 kg/m² – waterproofing system with fabric (3 layers)

Shades:

White, light gray, russet

Packaging:

25 kg plastic containers, 100 kg returnable drums with PE liner

Storage:

Store (in the original unopened packaging) between 5–25 °C. It must not freeze!

Types of surfaces:

asphalt strips, sheet steel painted with anticorrosive paint or galvanized sheet metal, aluminum, polyurethane foam

Surface preparation:

The surface must be rid of mechanical impurities and grease (high pressure washer, solution concentrate **ETERNAL odmašťovač**, or other suitable detergent) repaired and dry. Absorbent materials and old asphalt roofing must be primed, for example with **FORTE penetral** primer.

Application:

SANAKRYL TOP SANAKRYL TOP is applied to the prepared substrate by roller or brush (protective coating of roof PUR foam by high-pressure airless spraying due to unevenness of the substrate) in two to three layers depending on the type of treatment, with a break between coatings of 12 hours at a temperature around 20 °C. **SANAKRYL TOP** is designed for roofs with a minimum slope of 1° and a long-term water stress, but no longer than 6 months continuously without being dried. In places with heavy precipitation, it is necessary to use a waterproofing system with a reinforcing fabric.

Application on asphalt strips

We recommend proper repairing of larger cracks (sealant prepared from the addition of **SANAKRYL TOP** and quartz sand with maximum grain size 0,5 mm) and bulges (excision and relabeling). **SANAKRYL TOP** is intended as a basic top layer. The basic layer is applied on the properly prepared surface.

Waterproofing system:

To meet the imposed demands for waterproofing layers, it is necessary to use reinforcing fabric. The fabric is put into the first fresh layer of **SANAKRYL TOP**. In total 2–3 layers are applied on the fabric in the entire area covered by **SANAKRYL TOP**. The last layer has a minimum usage of 1 kg/m². Minimum total consumption of **SANAKRYL TOP** is 2,5 kg/m².

Protective coating:

SANAKRYL TOP can be applied as a protective coating with a consumption of 0,5–1 kg/m². It is a protective coating that has properties of waterproofing systems.

Protective polyurethane foam paint for roof:

SANAKRYL TOP polyurethane foam is designed as a protective coating for thermal insulation of roofs from polyurethane foam. Application can be made within 7 days application by spaying, brush or broom. For spraying, it can be diluted in a 10% solution of water. **SANAKRYL TOP** is applied in one layer. Consumption: 1,0 kg/m².

Protective coating for metal roof components:

SANAKRYL TOP creates a complete seamless flexible foil with high adhesion and works cooperatively with the ground. Prevents moisture penetration in the joints and other places, reliable protection against adverse effects causing degradation of the metal elements. **SANAKRYL TOP** can be applied on old paint stripped loose and peeling parts. Application is made in one layer. Corroded spots are to be pretreated with anti-corrosive paint **ETERNAL antikor akrylátový** or paint **ETERNAL na kovy**. The surface should be dry, grease-free, dust-free, and then painted with **SANAKRYL TOP** by a brush or roller. Consumption: 0,5–1,0 kg/m².

General information:

SANAKRYL TOP can be applied at ambient and surface temperature in the range from 8 °C to 30 °C. If a surface treatment with a white shade of **SANAKRYL TOP** is required, it is used only as a top layer, the base layer is applied in a gray shade (due to faster drying of the first layer). Detailed work-flow application is described in a separate regulation regarding the application on roofs. Companies intending to use this material are recommended to attend special training to obtain the "Certificate of the manufacturer", where the company is trained for application of the material. Long-term guarantees are provided by the manufacturer only after completion of the training. The acquired certificate also allows the companies to provide advisory services and technical assessment of the state of objects in large investment projects.

Certification:

TZÚS Prague Authorized Person No. 204

Waste disposal:

Described on safety data sheet of the product.

Safety and hygiene at work:

When following basic hygiene rules, **SANAKRYL TOP** is not a health hazard. Harmful to aquatic life with long lasting effects. The product is a treated article, contains a biocidal product. It contains a reaction mixture CMIT/MIT (3:1) [Index number: 613-167-00-5]. May cause an allergic reaction. Avoid any release to the environment. Dispose of contents/container by incineration in an incinerator or disposal of hazardous waste in landfills for hazardous waste. A safety data sheet is available on request. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. It is necessary to use suitable protective clothing, gloves and goggles. Wash skin with soap and water, in case of contact with eyes, flush immediately with water. If irritation does not stop, seek medical help. If accidentally swallowed, seek medical help. Do not induce vomiting. Other details are on the Safety data sheet of the product.