

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 additives. The waterproofing compound shall be applied in a liquid state and, when dry, shall form a permanently flexible seamless waterproofing foil with minimum water absorption to meet the requirements of long-term water and weathering loads.

Usage:

SANAKRYL TOP together with the reinforcing fabric forms a waterproofing system for the repair of flat roofs with a minimum slope of 1° and a long-term water load, but not more than 6 months continuously without drying out. In this system, **SANAKRYL TOP** is intended as a basic anchorage and as a final sealing layer. This system is used for the protection, maintenance and repair of older asphalt shingles and fiber cement (ETERNIT) roofing. In grey and reddish-brown shades, it is also intended for the maintenance and repair of foil roofing. **SANAKRYL TOP** can also be used in fire hazardous areas on roofs with a pitch up to 15°. **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:

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, reddish-brown, non-standardized shades

Packaging:

25 kg plastic containers

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 followed by a water rinse) repaired and dry. Absorbent materials and old asphalt roofing must be primed, for example with **FORTE penetral** primer.

Application:

SANAKRYL TOP is applied on the prepared surface with a roller and brush (protective coating of PUR roofing foam by high-pressure airless spraying due to unevenness of the substrate) in two to three coats depending on the type of treatment, with a technological break of at least 12 hours at 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 and 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. The application shall be carried out by high pressure airless spraying within 10-14 days of spraying the PUR foam. High pressure airless spraying **SANAKRYL TOP** is sprayed undiluted at 250 bar with nozzle No. 517 or larger (verified on VYZA vario). **SANAKRYL TOP** can be diluted to a maximum of 10 % with water. The moisture content of the substrate may be up to 5 %. **SANAKRYL TOP** is applied to the prepared substrate in one coat with a consumption of 1,0 kg/m².

Protective coating of fibre cement roofing

SANAKRYL TOP is also suitable for the surface treatment of fiber-cement roofing (ETERNIT). It is applied on the prepared substrate with a roller or brush, it can also be applied by high-pressure

airless spraying (AIRLESS). Before the actual application, the substrate is primed with **FORTE penetral** until the substrate is saturated (excess primer is wiped off with a dry brush or rag). Paint consumption is 0,5–1,0 kg/1 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. 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:

SANAKRYL TOP is classified as hazardous. Contains terbutryn and octhilinone (ISO). May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. Avoid any release to the environment. Wear protective gloves/protective clothing/eye protection/ face protection. IF ON SKIN: Wash with plenty of soap and water. Dispose of contents/container in accordance with the relevant national legislation. 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. 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.