

# Sanakryl® mat PROFI

Serial number 0904

## ***Special acrylate-dispersion coating for construction and protective coatings of roofing***

### ***Features:***

**SANAKRYL mat PROFI** is special water-soluble coating for interior and exterior usage based on water dispersion of acrylate copolymers, pigments, fillers and special additives. **SANAKRYL mat PROFI** is specified by high wind resistance, lime efflorescence resistance, great adhesion to concrete and light metals. **SANAKRYL mat PROFI** creates silky-matt film after drying.

### ***Usage:***

**SANAKRYL mat PROFI** is intended especially for industrial coatings of not-walked-on concrete, fiber-cement, glass-fiber concrete, copper, wood, particleboards and chipboards, galvanized sheet metal, primer coated steel, aluminum (adhesion needs to be verified) and other building materials. Thanks to its quality, it is intended for industrial usage in production of roofing (concrete, metal).

### ***Technical data:***

Dry matter		min. 52,0 weight %, 39,0 ± 1,0 % volume
Specific weight		1,30–1,35 g/cm <sup>3</sup>
pH		8–10
Consistency (FC4, 23 °C)		min. 35 s
Drying (23 °C)	stage 1	do 40 minutes
	stage 4	do 24 hours
Frost resistance (tested on concrete roofing)		500 cycles (no change)
Adhesion to foundation (tested on concrete roofing)		4,5 MPa
Volume of organic volatile compounds:		
Category/subcategory of product		A/d
Max. volume of VOC in the product		39 g/l 0,030 kg/kg

### ***Consumption:***

Final coating (2–3 layers):

Concrete roofing	0,38–0,42 kg/m <sup>2</sup>
Fiber-cement roofing	0,25–0,33 kg/m <sup>2</sup>
Metal roofing	0,25–0,45 kg/m <sup>2</sup>
Wood, wood-fiber boards	0,35–0,40 kg/m <sup>2</sup>

FYI: Exact consumption depends on requirements of coating features.

### ***Color shade:***

White, light gray, medium gray, dark gray, yellow, green, black-brown, dark brown, palisander, black, ivory, blue, cherry, other according to requirements of customer

### ***Packaging:***

10 kg, 20 kg plastic containers, 125 kg barrels, IBC containers (returnable)

**Storage:**

In original unopened containers from 5 °C to 25 °C. It must not freeze!

**Application:**

**SANAKRYL mat PROFI** is applied on perfectly clean and degreased surface, clear of all non-adherent particles by air or airless spraying (also by roller or brush) in surroundings at 8 °C to 30 °C in 2–3 layers with break between coatings for 4 hours (20 °C). The break can be shorter, if additional drying is applied. In case of highly absorbent surface (matured concrete, wood, etc.), it needs to be perfectly saturated with deep penetration agent **FORTE penetral** prior to application. In case of application on wood and wooden boards, it is necessary to clear the surface from all resin stains. The tools must be washed with water immediately after usage.

**Certification:**

TZÚS Praha Authorized person number 204

**Waste disposal:**

Described on safety data sheet of the product.

**Safety and hygiene at work:**

**SANAKRYL mat PROFI** is not classified as dangerous. The product is treated article, it contains biocidal agent. In contains reaction mixture CMIT/MIT (3:1) [Index number: 613-167-00-5]. May cause an allergic reaction. When following basic hygiene rules, it is not a health hazard. While working, it is suitable to use protective clothing, gloves and goggles. In case of contact with skin, wash with soap and water. In case of contact with eyes, rinse with water immediately. If the irritation does not stop, seek medical help. If swallowed, drink about 0,5 l of tepid water with 10 crushed charcoal tablets and seek medical help. Do not induce vomiting. Other details are described on safety data sheet of the product.