

AKRYLAT 602

ELASTOMERIC MATERIAL FOR ROOFTOPS AND NORTHERN WALLS

GENERAL CHARACTERISTICS

AKRYLAT 602 is elastomeric, economical, waterproofing coating diluted with water.

- Suitable for outdoor and indoor applications in old and new surfaces.
- Ideal for sloped cement rooftops, asbestos cement boards.
- Waterproofs and simultaneously paints northern walls and facades.
- Applies easily with one coating primer **Akrylex 165 1101** diluted in ratio 1:1 with water and two crosswise coatings **AKRYLAT 602** undiluted and creates a sealing film with high elasticity without joints.
- Creates a membrane offering:
- Protection against water.
- Excellent bonding on every surface, like clean concrete, metal, wood, mosaic, and on every kind of insulating material.
- High elasticity.

TECHNICAL DATA

Basis:	acrylic
Appearance:	viscous liquid
Colors:	white, other colors on request
Viscosity:	65400 ± 500 mPa•s at 23°C
Density:	1,313 ± 0,002 gr/cm ³
pH:	8,2 ± 0,2

Temperature for the application and drying of the material:	5 – 35°C
Recoating:	4-6 h at 20°C
Elongation at break(%): (ASTM D 412)	267

PREPARATION-APPLICATION

Applied on dry, clean surfaces, free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- **Good, dry** cleaning of the surface from dust and residues with vacuum cleaner and use of squeegees.
- Priming of the surface with one or two coatings with **AKRYLEX 165 1101** diluted in ratio 1:1 with water (consumption 100-200 gr/m²).
- While the primer is still sticky, application of two or three coatings with undiluted **AKRYLAT 602**. In order to achieve better fluidity the material can be diluted with 5-10% water. The next layer should be applied crosswise after the previous is dry.
- Cavities in concrete should be repaired. In areas of capillary or severe cracks **AKRYLAT 602** may be reinforced along the crack with fiberglass-mesh tape or it can be used the special sealing mastic **ARMOSEL 651**.

CONSUMPTION

0,6-1 kg/m² in three layers depending on the type, roughness and absorbency of the underlay.

APPLICATION TOOLS

Rolls, brushes, spray machine. Tools should be cleaned with **WATER** immediately after use.

PACKAGING

Supplied in drums of 5, 15 and 25kg.

STORAGE

One year in unopened containers in dry places with minimum temperature 5°C and maximum temperature 28°C.

REMARKS

- Rain, strong wind and low temperatures should be avoided during the application.
- Wet surfaces must be let dry for a period of 3-4 days prior to application of **AKRYLAT 602**.
- The freshly coated surface should be protected from wind, rain and frost for at least the first 24 hours in order to avoid the formation of bubbles on the surface and the damage of the waterproofing coating.

CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

For more information consult the material safety data sheet.

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

