



ORGANİK KİMYA

Cool Roofs, Cooler Planet Powered by Acrylic Technology

At Organik Kimya, we believe sustainable chemistry can help cities breathe easier one cool roof at a time.

Acrylic Technology Specifications

High flexibility

Adapts to roofs movement and waterproofing layers

Crack-resistant

Ensures lasting surface integrity

Excellent adhesion

Performs on multiple substrates

Superior water resistance

Provides long-term protection

UV resistant

Maintains brightness and performance over time

Easy application

Smooth, efficient coating process

Key Benefits

Lower Roof Temperatures

Reflects visible light, infrared, and UV keeping roofs cooler.

Reduce Urban Heat Island

A white roof reflects 80% of sunlight, creating cooler and more comfortable surroundings.

Lower Carbon Footprints

Less heat and longer durability mean lower energy use for cooling and reduced CO2 emissions.

Contributes to the design of Roof Coating Formulations Compliant with International Standards

- ASTM D6083: Liquid Applied Acrylic Coatings for Roofing
- EN 1504-2: Surface Protection Systems for Concrete





Product Properties

	Monomer Composition	Solid Content(%)	Tg(C°)	pH	Viscosity (mPa.s, max.)	Silane Modification	UV Crosslinker
Orgal® Rooflex S6	S/AC	50 ± 1	-6	7.5 - 9.0	9000	YES	NO
Orgal® Rooflex 35	AC	60 ± 1	-35	5.0 - 7.0	1300	NO	YES
Orgal® Rooflex 30	AC	55 ± 1	-30	9.0 - 10.0	600	YES	YES

Highlighted Features

Orgal® Rooflex S6

- Excellent water resistance due to silane modification
- High adhesion performance on various surfaces, such as concrete, metal, PVC
- Good recovery performance due to the balance on flexibility and tensile strength properties

Orgal® Rooflex 35

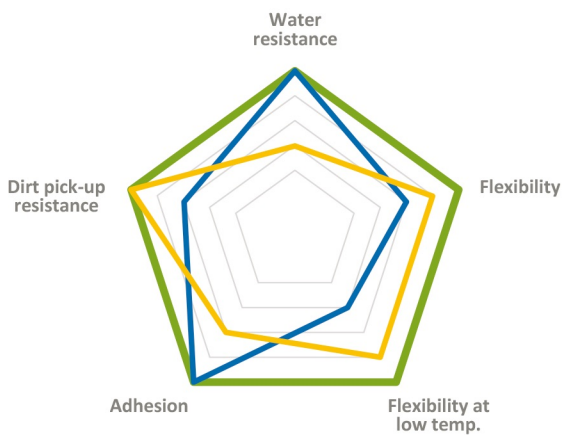
- Low Tg alternative
- High solid polymer content
- Excellent flexibility, even at low temperatures
- Very good dirt pick-up resistance due to UV-crosslinker content

Orgal® Rooflex 30

- Low Tg alternative
- Silane modified & high solid polymer content
- High adhesion performance on various surfaces, such as concrete, metal, PVC
- Excellent water resistance due to silane modification
- Very good dirt pick-up resistance due to UV-crosslinker content

Performance Expectations for Elastomeric Waterproofing

- Water resistance
- Flexibility
- Adhesion on various surfaces
- Dirt pick-up resistance



- Orgal® Rooflex S6
- Orgal® Rooflex 35
- Orgal® Rooflex 30

