



VYCOAT-ACR

Acrylic Waterproofing Coating

DESCRIPTION

VYCOAT-ACR is a water-based acrylic waterproofing coating designed to form a seamless, flexible, and UV-resistant membrane after curing.

It provides reliable waterproofing performance with excellent weather resistance and is particularly suitable for exposed applications and maintenance projects due to its ease of application and environmental friendliness.

BENEFITS

- Water-based, environmentally friendly, low VOC
- Excellent UV and weather resistance
- Seamless and joint-free waterproofing
- Good flexibility and crack-bridging capability
- Easy application (brush / roller / squeegee)
- Good adhesion to various substrates
- Cost-effective solution for large areas

APPLICATIONS

- Exposed roof waterproofing and refurbishment
- Metal roof waterproofing
- Concrete roofs and terraces
- External walls and facades
- Maintenance and repair of existing membranes

INSTALLATION

Surface Preparation

- Substrate must be clean, dry, and sound
- Remove dust, grease, and loose particles
- Repair cracks and defects before application
- Apply primer if required

Application

- Apply by roller, brush, or squeegee
- Apply in multiple coats
- Reinforce critical areas with fabric if necessary
- Ensure full drying between coats

Recommended Thickness

- Total dry film thickness: 1.0 – 1.5 mm
- Reference consumption: 2.0-2.2kg/m² for film thickness of 1mm

STORAGE & SHELF LIFE

- Store in sealed containers
- Protect from freezing and direct sunlight
- Store between +5°C and +35°C
- Shelf life: 12 months

DIMENSIONS & PACKAGING

Parameter	Value
Component	Acrylic resin
Appearance	Liquid
Color	Grey
Weight	25 kg/pail

TECHNICAL DATA

Property	Value
Solid content	$\geq 65\%$
Surface dry time	$\leq 4\text{h}$
Tensile strength	$\geq 1.2\text{MPa}$
Elongation at break	$\geq 300\%$
Tear strength	$\geq 12\text{N/mm}$
Cold bending	-15°C , no crack
Watertightness	0.3Mpa, 120min, no leakage

