

# ACRILTEC

## Protective & decorative paint dispersed in water for bituminous waterproofing



### Description

Protective water based copolymer acrylic paint. After drying ACRILTEC forms a strong elastic film which adheres perfectly to polymer bitumen membranes, guaranteeing an effective protection from U.V. rays and atmospheric agents.

### Areas of application

ACRILTEC is particularly suitable to protect and decorate polymer bitumen membranes with a talc, sand and mineral finish as well as hot oxidized bitumen and stabilized bitumen emulsions used for waterproofing.

### Chemical composition

Acrylic modified elastomeric copolymers dispersed in water, inert fillers, colored pigments, thickeners and various additives.

### Packaging

Pail size	Pails per pallet
5 kg	125
10 kg	64
20 kg	42

We reserve the rights to change or modify the nominal values without prior notice or advice. The information contained in this data sheet are based on our experience. We cannot take any responsibility for a possible incorrect use of the products. The customer has to choose under their own responsibility a product fit for the intended use.

### Use of product

Properly mix before use.

It is recommended to apply ACRILTEC at temperatures above +10°C and do not apply when rain or frost is imminent, and in any case avoiding extreme weather conditions of hot or cold, even during the drying period of the paint.

Before application make sure that the surfaces are clean and that they allow a proper drainage of water, avoiding use on those with a low slope or which have obvious problems of ponding water. The product can be applied by brush, broom, roller and spray, the first coat of ACRILTEC can be diluted by 15%; the second coat requires a dilution inferior to 5-10% and must be applied only after the first coat is completely dry.

The application must foresee at least two coats to provide a uniform coloration of the waterproofing layer, using totally between 200 to 400 g/m<sup>2</sup> of ACRILTEC on polymer bitumen membranes depending on the nature and level of porosity of the substrate.

It is recommended to avoid applying the product on new bituminous surfaces which might still release residues and cause adherence problems between the paint and membrane.

We therefore suggest to wait a few months after the application of the new bituminous membrane to allow for any residues to be completely eliminated; in any case wash the surface with clean water using a broom to make sure that the surface is clean.

The product is not suitable to be applied on polymer bitumen membranes having a talc finish where insulation was used. The ACRILTEC paint cannot be considered a walkable coating, and should be walked upon with care only during roof maintenance or inspections. Do not use ACRILTEC to paint containers which hold water.

Store the product in its original pail, sealed and at temperatures between +5°C and +35°C, protected from direct sun light and frost.

Does not withstand frost: once exposed the material is no longer suitable for application.

After use, clean all tools with water, should the product be dry, it is suggested to remove with white spirit or hot water.

### Technical data

Technical characteristics	Value
Colors	White / Green / Red / Grey
Mass (g/m)	1,30 ÷ 1,40
Solid content (% in weight)	55 ÷ 60
pH	7 ÷ 9
Flash point	Not flammable
Brookfield viscosity	4.000 ÷ 8.000 cps
<b>Conditions of application</b>	
Air temperature (T, °C)	+10 ÷ +35
Relative air humidity (UR, %)	10 ÷ 85
Support temperature (T, °C)	+10 ÷ +35
Support humidity (U, %)	≤ 4%
Minimal temperature for drying (°C)	+5
Recommended yield (kg/m <sup>2</sup> per coat)	0,250