

# Teknorep 110

## Acrylic Based Exterior Skim Coat



**Product Description** It is acrylic based, in flexible structure, external wall skim coat.

### Areas of Usage

- For grading the aerated concrete elements having all kinds of surface defects
- On all kinds of industrial reinforced concrete constructions,
- On civil engineering constructions such as metro, highway and dams,
- For repair, mending and reinforcement projects,
- For repair of prefabricate elements.

### Features and Benefits

- It is mixed with water.
- It provides smooth surface finish.
- It has a perfect adherence on concrete and plastered surfaces.
- It generates a crack-free appearance on large surfaces.
- Primer is not required and it is easy to apply.

### Application Instructions

**Surface Quality:** The surfaces must be clean, smooth, solid and free of substances and residuals preventing adhesion such as all kinds of dust, grease, rust, molding oil, and detergents, etc. The weak parts must be removed. The cement slurry and weakened parts should be removed, and there must not be materials such as grease, dirt and rust on the surface. The absorptive surfaces should be wetted in advance, but there must not be splash and water drops remaining.

**Surface and Ambient Temperature:** +5°C – +35°C

**Mixing:** External Wall Putty is ready for use. The surface must be dust, dirt and grease-free, the roughened areas must be scratched thoroughly, and the surface must be dry before the application. Please continue to stir by using a mixer attached to a low-speed drill bit until obtaining a homogenous mixture (app. 5 min.). Apply the putty that became ready for application to the surface with spatula or steel trowel. After the first layer is dried and hardened completely (24 hours), then the second layer is applied (It is recommended to apply in 1 mm thickness for each).

During the application, care must be given to the ambient and surface temperature as to be between +5°C and +30°C. Do not apply in strong wind and under direct sunlight. Used tools should be cleaned with water after the application finishes. In case the application shall be made at air temperatures above +30°C, the application should be made on shaded faces, and it is not recommended to make application between 10:00 and 15:00.

**Equipment:** The prepared mortar is applied by steel trowel on the surface using scratching method. Then, the required amount for grading is applied on.

**Consumption:** 1,50 kg/m<sup>2</sup> per 1 mm thickness. Consumption may change depending on the surface and workmanship.

Cleaning: It should be protected against bad weather conditions such as direct sunlight, strong wind, high air temperature (above +35°C), rain and frost after the application. The hands should be cleaned with water and detergent before the product is cured and hardened completely.  
Equipment Cleaning: The equipment should be cleaned with water immediately after the application before it is hardened yet. They should be cleaned by mechanical methods after it is hardened.  
Pot Life: At 20°C, approximately 60 minutes.  
Cleanability Time: At 20°C, approximately 75 minutes.

### Application Notes / Restrictions

- It should be protected against sun, rain and frost for the first 3 hours for outdoor space applications.
- Working cloths in compliance to labor and worker healthy rules should be worn and appropriate goggles and masks should be used during the application of the product.

### Technical Data

General Information	
Color	White
Application Thickness	0 – 2 mm
Consumption	0,5 – 1,5 kg/m <sup>2</sup>
Package	25 kg bucket
Shelf Life	12 months in dry environment in its unopened package.

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity and valid for its performance after 28 days.

