

# ADINGKOLOR-F

*Acrylate facade paint for finishing of external wall surfaces*

## Field of Application:

For decorative and protective finishing of concrete, rendered or skim coated external wall surfaces. It is also used for repair and reconstruction of old building facades. The application of Adingkolor F provides protection to the treated surfaces against weather phenomena and prevents the occurrence of surface damages on the substrate, thus providing a durable and stable decorative protection of the facade.

## Properties:

- one-component;
- watertight;
- vapour permeable;
- weatherproof;
- resistant to dry and wet friction;
- excellent coverage rate;
- excellent adhesion to substrate;
- UV stable;
- easy to apply;
- economical;
- can be mixed in various colours.

## Technical Features:

Properties	Declared Value
Appearance	Coloured paste-like compound
Density EN ISO 2811-1	(1.5 - 1.55) g/cm <sup>3</sup>
Drying time at temperature of 20 °C and relative humidity of 65% ISO 9117-3	surface, by touch ~3 hours complete drying of the layer: 4-6 hours
Gloss	matt

## Method of Application:

### Substrate Preparation

The substrate should be sound, dry, clean, grease- and dust-free, without unstable areas. Newly placed mortar, as well as facade skims coats, at normal conditions, at relatively dry weather and temperature of 20°C, should be allowed to mature for at least 1 day for each mm of thickness. New concrete substrates should be at least 28 days old. Substrates with existing paint finishes should have all their unstable areas removed, as well as their existing coatings, especially those which are water-soluble. The facade finish of Adingkolor F is a coating which will provide a colourful coverage of the wall surfaces, and at the same time, it shall display the texture of the substrate. Therefore, if Adingkolor F is to be used for making local repairs of the substrate, it should be expected that the difference in the treatment of the substrates will remain visible. Prior to the application of the facade paint, the surface should be primed with a layer of Primer V. The primer should be applied by using brush, roller or by spray application. The temperature of the substrate should be between +5°C and +35°C. Application of Adingkolor F at temperature of 20°C and relative low air humidity should be carried out 30 minutes after the application of Primer V.

### Application

Adingkolor-F should be applied in two or more layers. It can be applied by using a brush, roller or by spray application. For the application of the first coat, the quantity of material intended for this coat should be diluted by adding up to 15% of water and it should be slowly mixed until a completely uniform mixture is obtained. For the application of the second coat, the paint should be diluted with up to 10% of water. The second coat should be applied as soon as the first coat has fully dried and the time period between the application of the two coats at temperature of 20°C and air humidity of 65% is 4-6 hours. The treated surfaces should be protected from sunlight, strong draught, rain and dust for a period of 24 hours following the application. The surfaces should be protected with curtains.

When applying a mixed colour paint, prior to the application, it is necessary for the whole quantity of material to be uniformed by mixing it into on large container and then to apply it on the wall surface. Therefore, it is recommended that the necessary quantity of material for the entire surface be ordered at once, according to the average consumption of material given in this technical datasheet. If the quantity of material for application is significantly large for it to be mixed in one container, it is recommend that at first three packages be mixed in one container and later add one more package in the mixture as soon as the quantity in the container reduces for one third. Whenever a new package is added, the mixture should be slowly mixed in order to obtain a uniform mixture. Adulteration of the mixed colour paint during the application by adding pigments, by diluting it, or similar actions, is not allowed.

## Maintenance:

The surfaces treated with Adingcolor F do not require special maintenance. The dust and dirt on the facade which is not mechanically linked to the treatment could be removed by using a broom, vacuum cleaner or water. The dust and dirt on the facade which is mechanically and chemically linked to the treatment could be removed by soft rubbing of the surface with wet towel or by using light-duty detergents, after which the area should be washed with clean water. If the existing stains on the facade surface is impossible to be removed by applying one of the above-mentioned methods, then it will be necessary for the surface of the stains to be repainted. Prior to the application of the new paint, it is necessary that the substrate be primed with Primer V. Prior to applying primer on the substrate and treating the surface with Adingcolor F, it is necessary that the oil stains be thoroughly removed.

## Consumption:

Depending on the surface on which it is applied

Primer V	0.15-0.25 kg/m <sup>2</sup>
Adingcolor-F (two coats)	0.40 – 0.50 kg/m <sup>2</sup>

## Cleaning:

The tools and equipment should be cleaned with water immediately after use.

## Packaging:

In plastic cans of 5 and 25 kg

## Storage:

In original packaging, at temperature between +5°C and +30°C and protected from exposure to direct sunlight. Shelf life: 12 months.

## Standard colours:

White and transparent base for mixing in 250 colours from the standard colour chart of ADING.

**Health hazards:** Avoid contact of the product with skin and eyes, as well as direct inhalation. In case of accidental contact of the product with the skin, remove it with water and soap. If the material splashes into the eyes, immediately rinse the eyes with plenty of water and seek medical advice. If swallowed, seek medical advice.

**Fire:** Adingcolor-F is non-flammable.

**Cleaning and disposal:** Loose residues of Adingcolor-F should be cleaned with water. The old and used packaging should be disposed of in accordance with the local rules and regulations for that type of waste.

We recommend that the method of application and the necessary quantities be adjusted to the conditions of the building, as well as mandatory use of appropriate equipment.