

ADINGCOLOR

Polymer dispersion based paint for decorative finishing of internal wall and ceiling surfaces

Field of application:

It is used for decorative finishing of internal wall and ceiling surfaces.

Properties:

- One-component, white paint;
- Excellent adhesion to substrate;
- Excellent coverage rate;
- Resistant to dry friction;
- Vapour permeable;
- Can be mixed in various colours;
- Easy to apply;
- Eco-friendly.

Technical features:

Property	Method	Declared value
Appearance	-	white paste-like compound
Density	EN ISO 2811-1	(1.65 - 1.75) g/cm ³
Dry matter	EN ISO 3251	67-71%
Drying time at temperature of 20 °C and relative humidity of 65%	ISO 9117-3	- touch dry: 40-60 min - final cure of a layer: 2-3 hours
Friction resistance	EN 13300	resistant to dry friction
Gloss	-	Matt
pH	(EN ISO 787-9)	8-9

Method of application:

Substrate Preparation:

Adingcolor may be applied on a substrate made of concrete, mortar, plasterboard sheets and skim coated surface. The substrate should be sound, dry, clean, grease- and dust-free, without unstable areas. Newly placed mortar, as well as facade skims coats, under 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 coating should have all their unstable areas removed in order to obtain a sound substrate.

If the open areas need to be repaired, repair works should be carried out by using appropriate materials from the product assortment of ADING. In areas that are covered with mould, the mould should be thoroughly removed prior to application. Prior to the application of Adingcolor, the surface may be primed with a layer of Primer V to provide good bonding between the substrate and the coating. Applying the primer is recommended when the first layer of paint is applied, especially when repainting is carried out on top of a surface with low porosity. Primer V should be applied by using a brush, a paint roller or by spray application. The temperature of the substrate should be between +5°C and +35°C. Application of Adingcolor at temperature of 20°C and low relative air humidity should be carried out 30 minutes after the application of Primer V.

Application:

Adingcolor should be applied in two or more coats. It can be applied by using a brush, a paint 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 15-20% of water and they should be slowly mixed together until a completely uniform mixture is obtained. For the application of the second coat, the paint should be diluted with up to 10-15% of water. The second coat should be applied as soon as the first coat has completely cured and the time period between the application of the two coats, at temperature of 20°C and air humidity of 65%, is around 2 hours. Surfaces treated with Adingcolor should be protected from direct contact with water. When applying mixed colour paint, prior to application, it is necessary for the whole quantity of material to be mixed in a large container until obtaining a uniform mixture which can then be applied onto the wall surface. Therefore, it is recommended that the necessary quantity of material for the entire surface should 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 recommended that, at first, three packages should be mixed in one container and later one more package should be added to the mixture as soon as the quantity in the container reduces for one third. Whenever a new package is added, the components should be slowly mixed in order to obtain a uniform mixture. Adjustment of the mixed colour paint during the application by adding pigments, by diluting it, or similar actions, is not allowed.

Note: Paint coverage rate reduces as the material is diluted.

Consumption:

0.35 – 0.45 kg/m²

Cleaning:

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

Packaging:

In plastic containers of 5 and 25 kg.

Storage:

In original, closed packaging, at temperature between +5°C and +35°C, protected from exposure to direct sunlight. Shelf life: 12 months.

Health hazards: Adingkolor does not contain toxic ingredients. Nevertheless, attention should be paid to avoid skin contact, eye contact or swallowing. Use appropriate protective equipment.

If the material splashes onto the skin or into the eyes, rinse immediately with clean running water. If swallowed, seek medical advice.

Fire: Adingkolor is a non-flammable liquid.

Cleaning and disposal: Loose residues of Adingkolor 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 should be adjusted to the conditions of the building, as well as mandatory use of appropriate equipment.