

Kimitech ACR

One-component acrylic resin to favour the adhesion in painting cycles with acrylic resins or laying ceramic tiles



Scheda Tecnica rev.01_05/2025

DESCRIPTION

Kimitech ACR is a single-component, deep-penetrating resin formulated to increase the mechanical performance of flaking substrates. On highly absorbent substrates, or in applications carried out during summer months, it also creates a protective insulation layer, preventing lime-based finishing coats or cement-based adhesives used with tiles from drying too quickly, and guaranteeing optimal hydration and effective adhesion. Kimitech ACR is solvent-free and 100% non-toxic, even if used in poorly ventilated indoor environments.

USES

It is used to standardize the absorption of existing plasters and as a preliminary treatment in laying lime-based or cementitious plasters, ceramic tiles, varnishing with acrylic or vinyl products (in the case of plaster and scagliola substrates, friable and powdery surfaces; highly absorbent substrates, works in high temperature environments); it can also be used on cementitious screeds for the regularization of the absorption of very porous substrates.

APPLICATION

	Roller, brush or spray		Drying time (20°C): 30 mins
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Clean the surfaces to be treated, remove grease and flaking parts. Substrates must cure for at least 28 days and the moisture content of gypsum plaster/ render coats must be less than 10%. Kimitech ACR is ready-to-use and a single continuous coat should be applied with a brush, roller or spray gun, making sure that the product is spread evenly across the entire surface. Wait for 30 minutes (at +20 °C) before applying further coats. Do not use at temperatures below +2 °C or on surfaces in direct sunlight.

CONSUMPTION

100-300 g/m² depending on the porosity of the substrate

PACKAGING

Tan 5 Kg
Tap 25 Kg

STORAGE

Protect Kimitech ACR from frost. Store the product at temperatures above +5°C. In these conditions and in air/watertight containers, Kimitech ACR remains stable for 24 months.

CHARACTERISTICS	VALUE
Consistency	Liquid
Color	White
Density en iso 2811 - 1	1,05 g/cm ³
Ph uni 8311	7 - 8
Solid content uni 8309	13 %
Viscosity type Brookfield (300 r.p.m. e 25°C) UNI 8490-3	1 - 10 mPa·s
Min temperature of application	+ 2 °C

WARNING

Product for professional use.
Low temperatures (less than +10 °C) delay the film-formation; for this reason, wait at least 2 hours between Kimitech ACR laying and other coats.

The equipment used to lay the product must be washed with water before hardening.

For further information and advice on safe handling, storage and disposal of chemical products, the user must refer to the most recent Safety Data Sheet, containing physical, ecological, toxicological and other data related to safety.

The information and requirements indicated in this Technical Data Sheet are based on our current knowledge and experience and are to be considered, in any case, purely indicative. They cannot guarantee the final result of the applied product and they have to be confirmed by exhaustive practical applications; therefore the user must test the suitability of the product for the intended application and its purpose. Users must always refer to the latest version of the local technical data sheet related to the product.