

Alltek Diamant R+

READY MIXED PLASTER

MANUAL OR MACHINE APPLICATION

INTERIOR APPLICATION



DESCRIPTION

Alltek Diamant R+ is a white, ready to use plaster primer that can be applied either manually or mechanically. Formulated especially based on components that enable collecting formaldehyde, it is able to reduce formaldehyde levels in a room by 75% after full drying and over a 10-year period.

USE

- Perfect for places with frequent passage (halls, corridors, etc) : High resistance and washable.
- Interior walls and ceilings.
- Smoothed or in the sprayed state for a textured finish.
- Do not cover which could break down the efficacy of the primer to collect formaldehyde especially in cases of velvet and satin-finished paints.

TECHNICAL SPECIFICATIONS



TYPICAL SPREADABILITY

1,2 to 2 kg/ m² per layer depending on desired finish.



DENSITY

1.7 +/- 0,1 kg/l



SOLID CONTENT

- Solid content by mass: 74%
- Solid content by volume: 56%



APPLICATION CONDITIONS

- +8°C to +35°C
- Max. relative humidity 70%



PH

8 +/- 1



CLEANING TOOLS

With water



DRYING

- 24 h on average, depending on application thickness, temperature, ventilation, humidity and substrate type. Sanding and recoating: after complete drying.



RECOMMENDED THICKNESSES

- Min. thickness: 0.8 mm for the first layer
- Max. thickness: 3 mm for the first layer

CHARACTERISTICS

- High resistance and washable
- Ready to use
- Excellent adhesive properties
- Ergonomic and rapid application
- Reduce formaldehyde levels in a room by 75%
- Possible to colour as needed (pastel paints).
- Fire rating: B-s1, d0 as per European standard EN 13501-1.
- Classification: group III class 2 as per the standard AFNOR NF T 36-005, in compliance with the standard AFNOR NF T 30-608

PACKAGING AND STORAGE

- 25kg plastic bag with handle
- 15kg plastic bucket
- Shelf life is 1 year in unopened original packaging, protected from frost and extreme heat.

ENVIRONMENTAL INFORMATION

- VOC content: < 1 g/l.



*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

METHOD OF APPLICATION

SUBSTRATES:

- Poured concrete, rough concrete.
- Terracotta bricks and tiles, plaster, gypsum blocks, plasterboard.
- Wood and wood products, old painted substrates in good condition

PREPARATION OF SUBSTRATE:

- The substrates, preparatory work and application conditions must be compliant with applicable building trade regulations (e.g. DTU) and standards.

APPLICATION TIPS:

- Stir before use if necessary.
- Spraying machine nozzle 3 to 4 mm, depending on condition of substrate and equipment used (follow the manufacturer's advice).
- To achieve maximum decontaminant efficacy, apply a layer about 1 mm thick, then, after complete drying, apply a second layer about 1 mm thick or spray a textured coat of sprayplaster.
- Trowel for decorative effect depending on desired finish.

RECOMMENDATIONS:

- Ensure adequate ventilation to remove excess moisture and accelerate drying.

HEALTH AND SAFETY

The safety information sheet is available from:
www.icp-alltek.com/en-gb/documentation/