

## Alltek Roller LG400 - Confort thermique

READY MIXED LIGHTWEIGHT PLASTER

MANUAL APPLICATION

INTERIOR APPLICATION



### DESCRIPTION

Alltek Roller LG400 is a grey filling plaster, for manual application. Alltek Roller LG400 is a ready-to-use lightweight plaster that can be applied with a roller. It can be applied very thickly with very little shrinkage.

### USE

- Plaster for interiors, walls and ceilings on all standard substrates.
- 5 times better insulation than with traditional plasterboard.
- With its reliable consistency, Alltek Roller LG400 is very easy to apply with a roller and to smooth.
- Thick applications possible with a perfect finish obtained more rapidly than with a conventional manually applied plaster.

### TECHNICAL SPECIFICATIONS



#### TYPICAL SPREADABILITY

1 litre/m<sup>2</sup> per mm of thickness.



#### DENSITY

0,8 +/- 0,1 kg/l



#### SOLID CONTENT

- Solid content by mass: 50%
- Solid content by volume: 60%



#### APPLICATION CONDITIONS

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



#### PH

8 +/- 1



#### CLEANING TOOLS

With water



#### DRYING

- 24 to 48 h on average, depending on application thickness, temperature, ventilation, humidity and substrate type. Sanding and recoating: after complete drying.



#### RECOMMENDED THICKNESSES

- Min. thickness: 1 mm
- Max. thickness: 10 mm

### CHARACTERISTICS

- Thanks to its technology, Alltek Roller LG400 has an exceptionally low thermal conductivity coefficient of 0.09 W/mK. It thus provides insulation that is 5 times stronger than traditional plaster. The possibility to apply it very thickly means thermal resistance and the thermal comfort of the building can be strengthened.
- Classification: group III class 2 as per the standard AFNOR NF T 30-005, in compliance with the standard AFNOR NF T 30-608 and NF EN 16566.

### PACKAGING AND STORAGE

- 12 litre plastic bucket.
- Shelf life is 1 year in unopened original packaging, protected from frost and extreme heat.

### ENVIRONMENTAL INFORMATION

- VOC content: < 1 g/l.

- Indoor Air Emission Class



\*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:

- Application on all substrates: concrete, aerated concrete, mortar, plaster, gypsum blocks, plasterboard, cement, cinder blocks.

#### 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:

- Immerse a honeycomb mesh roller in the coating and apply liberally to the substrate.
- Then smooth the plaster with a flexible spatula and, if necessary, sand after complete drying with a fine grain sandpaper (100 - 150)

#### RECOMMENDATIONS:

- It is recommended that a finish coat with Alltek LF50 or Alltek LM150 is applied before painting.
- 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/](http://www.icp-alltek.com/en-gb/documentation/)