



## ADHESIVE MORTAR FOR FAST CONSTRUCTION AND CERAMIC INTERIOR WALL BRICKS

### Characteristic product properties

- For supporting and non-supporting structures.
- Summer and winter types.
- For indoor and outdoor use.

### Applications

For use as an adhesive when laying cellular concrete blocks on supporting and non-supporting structures. For new buildings and renovation work, indoor and outdoor use. The adhesive's curing time is specially designed for the material that you wish to lay, so that optimum adhesion can be obtained. The white colour of GK60 omnifix adhesive gives it a very subtle appearance between the blocks after they have been laid, which is especially important if you need to apply a thin layer of coating at a later stage. The adhesive is based on white Portland cement, so that you can obtain increased compressive strength more rapidly and the "winter" type can be applied equally quickly in wet and cold periods (autumn/winter). Do not use on a frozen or thawing surface; for 24 hours after application protect against frost.

### Preparation

- Always begin with a level surface.
- The adhesive surfaces must be even and free of grease and dust.

### Instructions for application

- Prepare with clean running water, according to the following proportions: 5.5 litres of water per 25 kg.
- Make sure that you begin by pouring water into the trough, before adding the powder uniformly, while stirring the mixture.
- Stir the mixture thoroughly using a mixer (slow setting) for at least 4 minutes until you obtain a homogeneous mass without lumps.
- Apply the adhesive mortar to the grouting space from an adhesive spreader tray.
- The adhesive should be applied to the vertical joint using an adhesive spreader.
- Strike with a rubber hammer.
- After 15 minutes, remove any adhesive that may come out of the joints using a scraper.

### Additional tips for use

- If working under high temperatures, it may become necessary to mix the adhesive a little more before applying it. You must not add water to make the adhesive workable again.
- In order to obtain optimum adhesion, the adhesive mortar must have a residual layer thickness of at least 2 mm.

### Required tools

- Mixing tray
- Mixer
- Adhesive spreader tray
- Adhesive spreader
- Rubber hammer, trowel and/or coating knife

### Consumption

Due to the very large range of cellular concrete blocks available in different dimensions, it is recommended that you consult the relevant manufacturer for the appropriate information. You can calculate the consumption of construction adhesives at: [www.omnicol.eu](http://www.omnicol.eu).

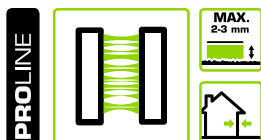
### Cleaning tools

- Remove any excess adhesive using a scraper.
- Any minor imperfections can be filled with adhesive residues.

### Product composition

GK60 omnifix is a ready-to-use composition, which contains pure Portland cement, quartz sands with a max. granulometry of 1 mm and carefully selected additives.

### High adhesion





### Technical properties

- Supplied in the form of : powder, EN 988-2 high performance masonry mortar, type: adhesive mortar (T)
- Colour : white
- Joint type : XS,  $\leq 3$  mm, in compliance with BRL 1905 (NL) and TRA BEN 651 N (B)
- Application time at 20° C : > 4 hours (GK60 omnifix Winter > 2 hours)
- Waiting time : none
- Setting time : approx. 24 hours
- Hardening : as a result of drying and hydraulic curing
- Application temperature : 0° C
- Max. granulometry : < 1 mm
- Loss on ignition :  $\leq 2,5$  %
- External certification : BÜV

### Mortar properties when wet

- Mortar volume obtained : 738 l/tonne
- Open time :  $\geq 7$  minutes
- Spreading capacity : 175 mm ( $\pm 10$  mm)

### Mortar properties when dry

- Adhesion : > 10 N/mm<sup>2</sup>
- Shear strength :  $\geq 0.3$  N/mm<sup>2</sup>
- Density : > 1800 kg/m<sup>3</sup>

### Packaging

- Available in strong PE bags, which are sewn and secured using adhesive, with a net content of 25 kg.

### Storage and shelf life

- Store in a dry and sheltered place, as the powder is sensitive to moisture.
- Keeps for 12 months in its original sealed packaging.

### Health and safety

GK60 omnifix contains pure Portland cement. More detailed information on safety when handling cement-based products is available on request.

*This technical data is based on many years of practical experience and laboratory research. We cannot be held liable for the work produced in accordance with our systems since factors on which we cannot make an assessment or influence also determine the final result. We guarantee that this product is always supplied in a quality that remains the same. If you have any doubts, we recommend performing tests yourself.*