

# topelast<sup>®</sup> K2



## TECHNICAL DATA SHEET

TOPECA, Lda  
Rua do Mosqueiro  
2490-115 Cercal – Ourém  
PORTUGAL

Tel.: 00 351 – 249 580 070  
Fax.: 00 351 – 249 580 079

**TOPECA**  
FÁBRICA DE PRODUTOS PARA CONSTRUÇÃO

[geral@topeca.pt](mailto:geral@topeca.pt)  
[www.topeca.pt](http://www.topeca.pt)

# topelastic

## K2

damp proofing

elastic waterproof mortar and transitable



### use

Damp-proofing of balconies, verandas, wine cellars, basements and elevator wells.  
 Impermeable covering for walls subject to water pressure and contra-pressure and surfaces with light traffic (pedestrians).  
 Bonds all types of ceramics, natural stone (granite, marble, limestone) on any type of substrate, outdoors or indoors. (Façades and paving).  
 Does not require any covering (resistant to abrasion and wear)  
 Resistant to ultraviolet rays.

### surface

- Screed;
- Concrete;
- Render;
- Masonry;
- Building blocks;
- Lightweight concrete;
- Old ceramics;
- Wood (after application of primer);
- Fibrocement;
- Polyester;
- Metals (except aluminium).



### CE marking

CITE  
 European standard  
 NP EN 12004



# topelastic K2

elastic waterproof mortar and transitable

damp proofing

## recommendations

After damp-proofing the balcony/veranda, if you wish to cover the surface with ceramic tiles, you may do so using the same product – Top Elastic K2.

The width of the joint depends on the nature of the tile being applied.

Do not apply to freezing or hot surfaces or in direct sunlight.

Always fully prepare more vulnerable points (angles, cracks, seals).

When surfaces have micro-fissures and/or cracks it is advisable to interlace Top Elastic K2 with fiberglass mesh.

## composition and characteristics

### Composition:

Component A: Cement, selected sands, fine mineral filler, specific additives.

Component B: Synthetic polymer in aqueous solution, specific additives.

### Characteristics:

Slip:  $\leq 0.5\text{mm}$

Working time of paste: 60 minutes.

Opening time: 30 minutes.

Drying time: 24 hours.

Waiting time before covering with ceramic tiles: 24 hours (minimum).

Waiting time before covering with porous paint: 5 days (minimum).

Minimum thickness per layer: 2mm.

Application temperature:  $+5^{\circ}\text{C}$  to  $+30^{\circ}\text{C}$ .

Note: These results were obtained in our laboratory according to the specifications of the standard NP EN 12004, under standard conditions may vary with the reduction or increase of temperature and the type of support.

## colour

Component A: Grey

Component B: White

## consumption

1.5 kg/m<sup>2</sup> per mm of thickness.

## available in

Kit: Component A sack of 20 Kg in powder + Component B bucket of 7.4 Kg liquid.

Pallet with 60 Sacks Component A

Pallet with 60 buckets Component B

## storage

12 months from date of manufacture on original closed package stored in a damp free environment (component A).

Component B must be stored away from direct sunlight and frost.



# topelastic K2

elastic waterproof mortar and transitable

damp proofing

## preparation of surface

Surfaces must be clean, in good condition, sound, free of grease, release oils and dust.



## application

Mechanically mix both components using a slow-speed mixer (add component A to component B) until a fluid and lump free paste is obtained.



The application should be performed with the tothing of the metal trowel, thereby ensuring in all the support layer 2 mm at minimum. Then flatten with the flat side of trowel.

Let harden. (4-5 hours).

The application of the second layer shall be made after hardening of the first.



Should you wish to apply a covering to the surface, bonding can be carried out using the same product. Apply Top Elastic K2 using a serrated trowel with teeth which are of a suitable dimension to the thickness of the covering being used. Gently strike the covering to expel any air and ensure full contact.

