



AKKIT 406

FLEXIBLE ADHESIVE LIGHT

- ▶ corresponds to C2 TE S1 grey ▶ for inside & outside ▶ for walls & floors
- ▶ for all ceramic materials (earthenware, stoneware, stoneware tile, mosaics, etc.) and dark, non-translucent natural stones
- ▶ extremely efficient ▶ high flexibility ▶ extremely low emission - EC1 Plus
- ▶ suitable on underfloor heating system ▶ excellent processability
- ▶ layer thicknesses of 2–15 mm
- ▶ may be walked upon when laying in the thin bed process after approx. 8 hours

Product properties

Extremely efficient, highly tempered, powdery, water and frost-proof, hydraulically binding flexible adhesive.

Application

For laying all ceramic materials (earthenware, stoneware, stoneware tile, mosaics, etc.) and dark, non-translucent natural stones as well as levelling walls and floors inside and out on all standard substrates with layer thicknesses of 2 to 15 mm. Also suitable for installation on an underfloor heating system.

Product data

Delivery method: 18 kg paper bag
Storage: dry on wooden rack in unopened original container approx. 12 months.

Technical specifications

Water consumption:	approx. 0.40 l/kg (=40%)
Rest time:	none
Pot life:	approx. 1.5 hrs.
Open time:	approx. 30 min
Can be corrected within:	approx. 5 min
Layer thickness:	2 - 15 mm
Processing temperature:	+5 to +25°C
Walkable:	after approx. 8 hrs
Ready for jointing:	after approx. 8 hrs
Fully resilient:	after approx. 24 hours
Colour:	grey

Consumption according to toothing:		
Toothing	6	8
	10 mm approx.	
Consumption:	1.3	1.8
	2.1 kg/m ²	



tested in accordance with

EC 1 PLUS, C2 TE S1

Processing

Recommended tools: Low-speed electric agitator, suitable mixing vessel, brick trowel, sponge. The combing trowel is to be matched with the corresponding material to be laid.

Substrate: The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and 'generally accepted rules of the trade'. On all standard substrates such as concrete, screed, plaster, clinker, masonry, gypsum plasterboard, gypsum wallboard, anhydrite screed as well as slate concrete.

Mixing: Take a clean mixing vessel and add this product to water using a slow-rotating mixer until a homogeneous and lump-free blend is obtained (mixing time approx. 3 minutes).

Processing: Apply the mortar to the substrate in two steps. In the first step a thin contact layer is scratched open; in the second step the adhesive bed is combed onto the still wet layer with the corresponding toothing at a work angle of 45 - 60°. Rub the material to be laid into the fresh bed of mortar and remove any possible mortar residue with a wet sponge. In outdoor areas as well as areas under heavy loads, the combined laying process 'buttering floating' is to be used. Perform an adhesion test for unknown types of stone.

for a perfect system

AKKIT products

Important notes

Observe standards, guidelines and data sheets regarding substrate! Do not process at temperatures below +5°C. High air humidity and lower temperatures delay, higher temperatures speed up the setting and hardening! Do not add foreign materials!

Occupational safety:

See safety data sheet for product-specific information regarding composition, handling, cleaning, corresponding measures and disposal.

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