

ARGOCOLA ELITE 600

Highly deformable cementitious high performance cementitious adhesive C2TES2



ARGOCOLA ELITE 600 is a high performance deformable cementitious adhesive C2TES2 formulated with Portland cement, selected aggregates, organic additives and polymers that give it an extraordinary capacity for deformation, adhesion and durability.

Presentation

- Appearance: Powder
- Colour: White
- Weight (kg): 25
- Yield (kg/m²): 4.5
- Performance in mm thickness (kg/m²): 1,8
- Product code: 350197

Technical Data

Concept	Value	Standard
Mass per unit area (nominal) (kg/m ²)	25	-
Capillary Absorption (kg/m ² h ^{0.5})	W2	-
Adhesion after heat (N/mm ²)	≥ 1,0	-
Adhesion after freeze-thaw cycles (N/mm ²)	≥ 1,0	-
Adhesion after immersion in water (N/mm ²)	≥ 1,0	-
Adhesion after open time 30 min (N/mm ²)	≥ 0,5	-
Mixing water (%)	24/26	-

Concept	Value	Standard
Classification according to UNE EN 12004	C2TES2	-
Transverse strain (mm)	$\geq 5,0$	-
Bulk density (kg/L) _v ~ Value	$1,60 \pm 0,05$	-
Fresh mass density (kg/L) ~ Value	$1,80 \pm 0,05$	-
Slipping (mm)	$\leq 0,5$	-
Grain size range (mm) ~ value	0/0,8	-
Water vapour permeability (m)	Clase I	-
Reaction to fire	A1	-
Joint filling (hours)	24	-
Hazardous substances	Ver HS	-
Parts setting time (min)	30	-
Mixture lifetime (min)	120	-

Scope

- Suitable for laying large format porcelain tiles on facades or swimming pool tiling.
- Suitable for laying on top of another tile.
- Suitable for underfloor heating according to UNE 13008 tiles > 90 cm.
- Installation of low-absorption ceramic tiles on floors and interior and exterior walls

Advantages & Benefits

- High mechanical performance.
- Long shelf-life, even after opening.
- Great bonding.
- Great plasticity.
- Very deformable.
- Allows for rectification of pieces.

Descriptive Memory

- Ceramic tiles shall be laid with ARGOCOLA ELITE 600 deformable adhesive, made by the company Argos derived from cement, class C2FTE S2 according to the UNE EN 12004 standard. The fixing substrate shall be sound, clean, free of friable parts, completely hardened and shall have completed its time of dimensional variation. The joints shall be respected. Ceramic tiles shall be laid with spacers for tile-to-tile joints.

Support

- Mortar renderings.
- Low-porosity ceramic materials.
- Concrete floors.
- Cement-based substrates.
- Plasterboard partition walls.

Substrate preparation

- The substrate must be free of damp issues and must have completed its setting process.
- The substrates must be clean and sound, free of grease, paint or other substances that would prevent proper adhesion.

Instruction for Use

- Mix ARGOCOLA ELITE 600 with 7.0 L of clean water per 25 kg bag manually or mechanically until a homogeneous, creamy and lump-free mixture is obtained.
- Allow to stand for 5 minutes before application.
- Comb the adhesive onto the substrate with a 6×6 mm notched trowel for small formats or 8×8 mm for formats larger than 40×40 cm. The adhesive is spread out in layers of approx. 1 m² so that the time that elapses between the application of the adhesive on the substrate and the laying of the tiles does not cause the adhesive to lose sufficient moisture for proper adhesion.
- The tiles must be pressed until the grooves of the adhesive are flattened.

Warning

- Leave a grouting space between tiles appropriate to the size of the tile and the total surface area applied according to UNE 138003.
- Do not apply when there is a risk of frost, rain, strong wind or direct sunlight.
- Do not apply in a thick layer without double gluing.
- Do not apply below 5°C or above 30°C.
- Do not apply to gypsum substrates without priming with DANOPRIMER® RPU.
- Do not apply to plastic, metal, wood, rubber, etc. surfaces.
- Comply with the construction joints.
- Before mechanical preparation, varnish residues, waxes, grease, oil and similar pollutants must be removed.

Handling, storage and preservation

- It is packaged in 25 kg multi-leaf paper bags with damp-proof sheets that allow it to be stored for 12 months in its original sealed packaging, safe from dampness.

Cleaning of Work Tools

- Fresh product, with water.
- Dry product, scraping.

Notice

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