



ARGOCOLA
Cement Adhesive

ÉLITE 100



UNE-EN
12004

C1 T

DESCRIPTION

ARGOCOLA ÉLITE 100 cement-based adhesive has been formulated with cement, selected aggregates and organic and inorganic additives for enhanced workability, water retention and adherence.

APPLICATIONS

Fitting medium-to-high-absorption tiles and stoneware paving (group IIa, IIb and III absorption $\geq 3\%$), for interiors and exteriors, on mortar finishes, concrete block, fibre-cement, etc.

SUPPORT

The support should be resistant, flat (max. tolerance 3 mm measured with a 1m rule), with a certain amount of absorption, completely set and if possible rough and free of dust, paintwork, oil, etc.

The humidity of the support should be $< 3\%$, so leave the plasterwork to dry for at least three weeks before using. If exposed to direct sunlight or highly absorbent, wetting is advisable first.

METHOD OF USE

1. Mix mechanically with clean water until an even, plastic mixture is achieved, without any lumps, using 21% water (approx. 5.25 l/sack).
2. Leave the mixture to stand for 10 minutes and then remix before applying.
3. Spread the paste onto the support in small sections (1–2 m²) and comb with a 6x6 (for tiles < 450 cm²) or 8x8 (for tiles 450–900 cm²) toothed mortarboard. For sizes < 900 cm² apply adhesive to both surfaces.
4. Lay the ceramic tiles by pressing them onto the support until the grooves are flattened, ensuring that the glue is still plastic and has not formed a surface film that will hinder adhesion.



ARGOCOLA
Cement Adhesive

ÉLITE 100

PRECAUTIONS

When using it is essential for the tiles to be fixed firmly, with no gaps between the tile and the support.

For large-sized (>30x30 cm) or heavy tiles, apply adhesive to both surfaces, spreading a thin coat of **ARGOCOLA CAPA GRUESA** on the reverse side.

Make fitting joints between tiles of at least 2 mm for wall tiles and 5 mm for floor tiles and exteriors, fitting dilation joints every 30 m² max. (small-sized tiles) or 60 m² max. (large-sized tiles), fitting perimeter joints and respecting the building's structural joints.

YIELD

The approximate yield of **ARGOCOLA ÉLITE 100** is 4 kg/m² for application with a 6x6 toothed mortarboard.

PRESENTATION

25 kg sacks (1000 kg pallet).

COLOUR

Grey and White.

STORAGE

In the original container in a covered area, for up to 12 months.

REFERENCE AND CLASSIFICATION

UNE-EN 12004: C1T

TECHNICAL DATA

Mixing water approx. (%):	21
Max. aggregate size (mm):	1
Apparent powder density (g/cm ³):	1.5
Apparent paste density (g/cm ³):	1.7
Initial adherence (N/mm ²):	≥0.5
Mortar adherence after water immersion (N/mm ²):	≥0.5
Adherence after heating (N/mm ²):	≥0.5
Freeze/thaw adherence (N/mm ²):	≥0.5
Open time 20 min (N/mm ²):	≥0.5
Slippage (mm)	≤0.5
Tile-adjustment time (min.)	20
Usability time (min.):	180