

ARGOCOLA® ÉLITE 100

CEMENTITIOUS
ADHESIVE

HIGH PERFORMANCE CEMENTITIOUS ADHESIVE



UNE EN 12004

C1T

25KG

ARGOCOLA® ÉLITE 100 is a high-performance cementitious adhesive formulated with Portland cement, selected aggregates, organic additives, and polymers that give it extraordinary workability and adherence.

ADVANTAGES

- It allows the rectification of pieces.
- High open time.
- Better mechanical performance.
- Great plasticity.
- No detachment.

SUPPORT

- Conventional cementitious supports.
- Mortar rendering.

USES

- Placement of ceramic pieces of medium and low absorption in interior walls and floors.
- Suitable for interior placement of small format porcelain pieces.

SUPPORT PREPARATION

The support must be healthy, clean, flat, free of paint, crumbling or poorly adhered parts, release agents, etc. and in general without any substance or particle that may prevent correct adherence. The support must not present humidity problems and must have finished its curing process.

APPLICATION METHOD

- Mix ARGOCOLA® ÉLITE 100 with 6.5 L of clean water per bag of 25 kg, manually or mechanically, until a homogeneous, creamy, and lump-free mixture is obtained.
- Let stand for 5 minutes before application.
- The adhesive is combed over the support with a 6x6 mm toothed trowel for small formats or 8x8 mm for formats larger than 40x40 cm. The adhesive is spread in sections of approx. 1 m² so that the time that elapses between the application of the adhesive on the support and the placement of the ceramic does not cause the adhesive to lose the wettability necessary for its correct adhesion.
- The slab must be pressed until the adhesive grooves are crushed.

APPLICATION TEMPERATURE

- Between 5 °C and 30 °C.

DESCRIPTION

The ceramic slabs must be placed with cementitious adhesive ARGOCOLA® ÉLITE 100, from the company DANOSA, class C1T according to standard UNE EN 12004. The application support must be healthy, clean, free of friable parts, completely hardened and must have finished its time of dimensional change. Work joints must be respected. The ceramic slabs must be placed with spacers for joints according to UNE 1308002.

PRECAUTIONS

- Do not apply a thick layer without double gluing.
- Do not apply on plaster supports with no DANOPRIMER® RPU priming.
- Do not apply on plastic, metal, wood, rubber, etc. surfaces.
- Do not apply below 5 °C or above 30 °C.
- Do not apply with risk of frost, rain, strong wind, or direct sunlight.
- In hot weather, moisten the support well.
- Respect the work joints.
- Leave a grouting space between the slabs appropriate for the size of the slab and the total surface applied according to UNE 138003.
- In saline chlorination and / or temperate (Jacuzzi) pools, which may suffer attacks from sulfates, gray versions with sulphur-resistant cement and watertight epoxy-type grouting must be used, always respecting the UNE EN 13888 regarding the minimum thickness of the joint.

PRESENTATION AND CONSERVATION

ARGOCOLA® ÉLITE 100 is packed in multilayer paper bags of 25 kg with anti-humidity layer that allow its correct conservation during 12 months in its closed original package safe from humidity.

TECHNICAL DATA

Identification and application data	
Appearance	Powder
Colour	Grey/White
Apparent density	1,30 kg/L
Particle size range	0/0,5 mm
Mixing water	26 %
Mixture lifetime	approx. 2 hours
Parts adjustment time	approx. 30 min
Joint filling	approx. 24 hours
Performance	approx. 4,5 kg/m ²
Performance data	
Classification according to UNE EN 12004	C1T
Initial adherence	≥ 0,5 MPa
Adherence after immersion in water	≥ 0,5 MPa
Adherence after heat aging	≥ 0,5 MPa
Adherence after freeze-thaw cycles	≥ 0,5 MPa
Open time	≤ 20 min
Sliding	≤ 0,5 mm