

ARGOTEC REFRACTARIO

Refractory mortar for construction sites exposed to high temperatures



Colors:



Grey
25Kg - 350141
5Kg - 350183

ARGOTEC REFRACTARIO is a refractory mortar formulated with a mixture of aluminous cement, selected aggregates and additives that provide excellent workability and mechanical performance resistant to high temperatures.

Presentation

- Appearance: Powder
- Colour: Grey
- Weight (kg): 25
- Performance in mm thickness (kg/m²): 1,4
- Product code: 350141

Technical Data

Concept	Value	Standard
Mass per unit area (nominal) (kg/m ²)	20	-
Adhesion on ceramic brick after 28 days (N/mm ²)	≥ 0,8	-
Mixing water (%)	21/23	-
Bulk density (kg/L)v ~ Value	1,40 ± 0,06	-
Fresh mass density (kg/L) ~ Value	1,60 ± 0,06	-

Concept	Value	Standard
Grain size range (mm) ~ value	0/2	-
Reaction to fire	A1	-
Compacting resistance 28 days (N/mm ²)	≥ 15	-
Compacting resistance 28 days with heating (N/mm ²)	≥ 5	-
Hazardous substances	Ver HS	-

Scope

- Lifting of chimneys, barbecues.
- Assembly of refractory brickworks exposed to high temperatures.

Advantages & Benefits

- High mechanical performance.
- Easy application.
- Ideal for barbecues, fireplaces and small domestic works.
- Resists up to 350°C.
- Exterior and interior use.

Descriptive Memory

The fixing and assembly of refractory bricks shall be carried out with ARGOTEC REFRACTARIO refractory mortar, from the Argos cement derivatives company. The laying substrate shall be sound, clean, free of friable parts, completely hardened and shall have reached the end of its dimensional variation time.

Support

- Refractory bricks.
- Other substrates in contact with high temperatures (consult Technical Department).
- Terracottas.

Substrate preparation

- Metal elements, such as reinforcement, must be free of rust, dust, mortar residues or other materials that may impede adhesion or contribute to corrosion.
- The substrates must be clean and sound, free of grease, paint or other substances that would prevent proper adhesion.
- A suitable adhesion primer shall be used on low-porosity surfaces.

Instruction for Use

- Knead ARGOTEC REFRACTARIO with 800 mL of clean water per 5 kg bag manually or mechanically until a homogeneous, creamy and lump-free mixture is obtained.

- Spread the mixture on the substrate or on the workpiece using a trowel.
- Place the workpiece on the fresh mortar layer and press down.
- Level with the trowel and proceed with the grouting.

Warning

- The commissioning of the work shall occur at least 7 days after its execution, warming up gradually.
- Do not apply when there is a risk of frost, rain, strong wind or direct sunlight.
- Do not apply below 5°C or above 30°C.
- Do not apply to plastic, metal, wood, rubber, etc. surfaces.
- Do not add more water once it has started to set.
- Protect the cool surface from direct sun, rain and especially draughts.

Handling, storage and preservation

- It is packaged in 25 kg multi-leaf paper bags with damp-proof sheets and in 5 kg plastic bags that allow it to be stored for 12 months in its original sealed packaging, safe from dampness.

Cleaning of Work Tools

- If the product is fresh, with water
- If the product is dry, scraping

Notice

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