

SIRIOBETON AC

Anti-shrinkage rheoplastic mortar for pouring, compliant with UNI EN 1504-3 and 1504-6



[info. **PRECAUTIONS**]

Use in accordance with the instructions on the technical data sheet and safety data sheet. Wear full protective clothing. Consult the toxicological data sheet.

[info. **CONSUMPTION**]

Approximately 19 kg/m² of surface area.

[info. **WATER DOSAGE**]

Plastic mix: 2.25-2.75 L of water and 25 kg of SIRIOBETON AC.
Fluid mix: 2.75-3.3 L of water and 25 kg of SIRIOBETON AC.

[info. **DIAMETRO MASSIMO INERTE**]

Approximately 2.0 mm.

[info. **PACKAGING**]

25 kg bag.

[info. **STORAGE**]

The product must be stored in dry places and in tightly closed containers, avoiding exposure to moisture.

[info. **TECHNICAL SERVICE**]

Detailed technical instructions on the use of the products can be requested from your local representative or directly from PROIND srl.

SIRIOBETON AC is a **ready-to-use cementitious mixture which, after mixing with water, is perfectly pourable and allows for the creation of conglomerates with extremely high adhesion, durability, impermeability, exceptional mechanical resistance and no shrinkage. It is also suitable for grouting.** Application thicknesses from 5 mm to 45 mm in a single solution.

Instructions for use

Wet the contact surfaces until completely saturated, starting a few hours before casting, to saturate the porosity of the substrate. Any excess water on the surface or in surface cavities must be removed with compressed air or a sponge immediately before casting.

Mix for 3-4 minutes (or, depending on the efficiency of the mixing, for the time necessary to obtain a homogeneous mixture free of lumps) in the concrete mixer already containing the approximate amount of water needed for the mixture, but slightly less.

For thick castings, it is advisable to add 25-30% quartz or washed gravel with a grain size of 2-6 mm to the product.

Achieve the desired workability with the last addition of water. The amount of water required may vary depending on the ambient thermo-hygrometric conditions.

Pour from a corner, by hand or with a pump, even in difficult and intricate positions. A slight vibration or manual compaction will be sufficient to ensure the total compactness of the casting.

After application, as soon as setting has taken place, keep the surface of the mortar moist or in any case prevent the evaporation of the water contained: this operation is particularly important in hot, dry and windy weather. If necessary, anti-evaporation membranes can be used or wet jute sacks or rags can be applied to the surface, covered with polyethylene sheets, keeping the surface wet for a few days.

Advantages

- The self-levelling characteristics of SIRIOBETON AC make it a perfectly pourable product, allowing total filling of the most tortuous and normally inaccessible cavities, even if distant from the pouring point and with very narrow iron spacing.
- No bleeding and very strong adhesion to the substrate and to the foundation and reinforcement iron.
- Dimensional stability.
- Excellent durability against chemical attacks, freeze-thaw cycles, and resistance to greases and oils.
- Impermeability to penetration even under pressure and exceptional mechanical strength.