



OGMT Construction Chemicals

Product No.: 1.409

PLASTIK

PLASTICISER FOR MORTARS AND CONCRETES

CHARACTERISTICS:

PLASTIK is a mass admixture for manufacturing mortars and concrete, with a plasticising - fluidising character, supplied at a very high concentration. **PLASTIK**, used as a mixture in the recommended dose, improves, for mortars and concrete, among others, the following characteristics:

- Increases mass plasticity, getting more workable mortars, and as a consequence, easier to apply with smoother finishes, without cracks.
- Reduces the trend of aggregates to disaggregate during concrete transport.
- Allows reducing greatly the cement/water rate when preparing masses thus giving better resistance for the same workability.
- Increases adherence of mortar and concrete to meshes, reinforcement and other surfaces, thus allowing for rendering and raisings, the application of thicker coats.
- Provides greasier pastes, so the mixing machines are cleaner, since there's less adherence of the paste.
- Makes unmoulding operations easier.
- High concentration, thus being inexpensive. With 1 litre of **PLASTIK** we can treat up to 7000 kg of cement.

USES:

PLASTIK can be used with any type of mortar and concrete base on Portland cement or similar, for works in floor slabs, rendering, in placing mosaics, terrazzo, tiles, roof tiles, bonding agent, etc.

METHOD OF USE:

PLASTIK is always used diluted, in the suitable proportions, in the mixing water.



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DOSES AND METHOD OF USE:

Mortars: when preparing the mass, add to the mixing water 7 cm³ of **PLASTIK** per sack of cement (50 kg). To make it easier, the mass can be mixed taking the water for mixing from a container where we should put 200 litres of water and 200 cm³ of **PLASTIK** ⁽¹⁾

Concrete: in order to prepare concrete for floor slabs, make a previous mixture by diluting in a container with 200 litres of water 35-40 cm³ of **PLASTIK** and taking from this mixture all the needed mixing water ⁽²⁾

It's not recommended to use **PLASTIK** when preparing structural concrete.

NOTES:

It's recommended to observe the mentioned mixture proportions, since a higher concentration does not result in a better mass quality, but quite the opposite, strong overdoses can damage the final resistance of mortars and concrete.

PRECAUTIONS:

Do not swallow. Keep out of the reach of children.

PACKAGING:

PLASTIK is packaged in 30 and 60 litres non-reusable plastic containers.

(1)

Estimated calculations for mortars with w/c rate of 0,7 using 300 kg of cement and 200-210 litres of water per cubic meter

(2)

Estimated calculations for mortars with a w/c rate of 0,4-0,5, using 300-350 kg of cement and 150 litres of water per cubic meter.

ADVANTAGES

Low doses.

More workable pastes.

Highly concentrated product.

Allows thicker rough-casting with no downfall.