

PRODUCT No.: 1.409

## PLASTICONS

### PLASTICISER FOR MORTARS AND CONCRETES

#### CHARACTERISTICS:

**PLASTICONS** is a mass admixture for manufacturing mortars and concrete, with a plasticising - fluidising character, supplied at a very high concentration. **PLASTICONS**, 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 disgregate 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 unexpensive. With 1 litre of **PLASTICONS** we can treat up to 8000 kg of cement.

#### USES:

**PLASTICONS** 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, etc.

#### METHOD OF USE:

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

## DOSES AND METHOD OF USE:

**Mortars:** when preparing the mass, add to the mixing water 6 cm<sup>3</sup> of **PLASTICONS** 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 cm<sup>3</sup> of **PLASTICONS** <sup>(1)</sup>

**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 cm<sup>3</sup> of **PLASTICONS** and taking from this mixture all the needed mixing water <sup>(2)</sup>

**It's not recommended** to use **PLASTICONS** 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:

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

<sup>(1)</sup> Estimated calculations for mortars with w/c rate of 0,7 using 300 kg of cement and 200-210 liters of water per cubic meter

<sup>(2)</sup> Estimated calculations for mortars with a w/c rate of 0,4-0,5, using 300-350 kg of cement and 150 liters of water per cubic meter.

## ADVANTAGES

- Low doses.
- More workable pastes.
- Highly concentrated product.
- Allows thicker rough-casting with no downfall.

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