

**USE**

Non-structural universal mortar, used for both interior and exterior concrete surfaces, but also on brick foundations, plaster and mortar. Suitable for the reconstruction of deteriorated surfaces of risers, balconies and ledges.

It is a compensated shrinkage mortar, suitable for applications up to 5 cm thick and suitable for levelling out thin layers. It can be troweled.

**COMPOSITION**

Mineral mortar composed of quartz sand with controlled particle size, hydraulic binders, fibres and additives that give the unique characteristics obtained.

**PROCESSING**

**Warning:**

Further coats should be applied once maturation has occurred (14 days). Do not use on metal surfaces or surfaces with large deformations such as fibre cement panels.

Protect the product from rain, rain showers, strong wind for at least 48 hours after laying, and frost or sun for at least 7 days after installation. The application temperature of the product must be between + 5 ° C and +30 ° C; Do not add other materials to 400.

**Surface preparation:** Remove any inconsistent material. Remove oils, release agents, dust, and dirt in general, in the presence of oxidized reinforcing rods that have been pre-treated with passivating grout. If applied on extremely absorbent surfaces, wet the surface with clean water before the application. Make sure that the foundations of new constructions have reached full maturity (usually 28 days after application, as specified by the manufacturer).

**Preparation of the mixture:** 400 is ready to for use and can be mixed with 5.0 litres of clean water per bag of 25 kg to obtain 20% homogeneous mortar free of lumps.

**Application:** You can apply **RASACAP 400** by using a trowel or a spatula to obtain thicknesses not less than 2 mm and not more than 3 cm for vertical surfaces and 5 cm for horizontal surfaces per layer applied. Thicker layers should be applied in several coats at intervals of 4 hours between coats, under normal atmospheric conditions (approximately 20 ° C without wind and / or rain). In case of strong wind and / or application temperatures that are particularly high or under direct sunlight, the surface must be kept wet by spraying clean water every 4 hours for 48 hours after the application. You can get an ordinary finish by using a sponge float.

**CONSERVATION AND STORAGE**

The product can be stored up to 6 months in unopened packages. The product must be stored at temperatures between +5 ° C and +30 ° C in a cool, dry place away from frost. Avoid exposing the bags for a long time to direct sunlight. After removing the protective polyethylene pallet, protect the bags from rain.

**TECHNICAL FEATURES**

	Valore	Rif. Normativo
<b>SPECIFIC WEIGHT</b> (Hardened mortar)	1,75-1,85 kg/l	UNI EN 1015-10
<b>DRY RESIDUE</b> (in weight)	100%	
<b>YIELD</b> (indicative depending on the type of base/foundation)	0.67-0.77 m <sup>2</sup> /kg/mm	
<b>RECOMMENDED THICKNESS</b>	> 2 mm e < 50 mm	
<b>ADHESION</b>	Su CLS: ≥ 0,5 N/mm <sup>2</sup>	UNI EN 1015-12

<b>PARTICLE SIZE</b>	Max 1.2 mm	UNI EN 1015-1
<b>COLOUR</b>	Grey	
<b>COMPRESSION RESISTANCE</b>	$\geq 15 \text{ N/mm}^2$ (28 gg)	UNI EN 1015-11
<b>REACTION TO FIRE</b>	Euro classe A1	UNI EN 13501-1
<b>WATER VAPOR DIFFUSION COEFFICIENT</b>	$\mu$ : 15-35	UNI EN 1015-19
<b>WATER ABSORPTION - Category</b>	$< 0.2 \text{ kg/m}^2 \cdot \text{min}^{0.5}$ W2	UNI EN 1015-18
<b>APPLICATION TEMPERATURE</b>	+5°C+30°C	

## SPECIFICATION ITEM

Thixotropic, compensated shrinkage, fibre-reinforced Mortar, based on hydraulic binders, selected aggregates and special additives with an average consumption 14 kg/m<sup>2</sup> per cm of thickness.

## INSTRUCTIONS

To carry out the work in a proper way, it is needed to strictly follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books. This technical information is intended as a rough guide. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and test the effectiveness on a sample. The specification data and technical information have been calculated at  $+20 \pm 1^\circ\text{C}$  with relative ambient humidity of  $65 \pm 5\%$ . In different conditions the data and the time intervals between the two phases of the above reported coating system can vary.