

i.tech

RINZAFFO

Mortars against salpeter

i.tech

VENEZIANO

i.tech RINZAFFO and i.tech VENEZIANO are two dry mortars specially created against dampness and its effects that can create conditions which are unhealthy. They avoid problem of salt. i.tech RINZAFFO and i.tech VENEZIANO are particularly suitable for the restoration of external walls. In the same time they allow the walls breathing. On NHL 5 (Chaux Rabot) basis, they operate as a filter for salts (Chloride, Nitrate, Sulphate). They prepare the application of i.design CENT% FINITION, that exists in 3 versions and 23 colors.



■ Render

Properties

- i.tech RINZAFFO and i.tech VENEZIANO have got a low modulus of elasticity
- They allow buildings to "breathe", and do not trap moisture in the walls
- They re-absorb the carbon dioxide (CO₂) emitted by the calcination (firing) of the lime, thus partially offsetting the large amount emitted during its manufacture
- Easy mechanical application
- The lime contained in i.tech RINZAFFO and i.tech VENEZIANO guarantys the reversibility of the mortars and a good regulation of the dampness
- Resistance factor to the diffusion of water vapor for i.tech RINZAFFO: $\mu < 10$ / for i.tech VENEZIANO: $\mu = 8$
- Water absorption coefficient for i.tech VENEZIANO: 0,5 kg/m². H. 0,5

- The inert and expanded minerals and the additives improve performances in terms of adhesion and workability of both mortar

Uses

Undercoat

Components

Natural hydraulic lime, sands and admixtures



Main characteristics

	Unit	Average values	
		i.tech RINZAFFO	i.tech VENEZIANO
Bulk density (powder)	kg/m ³	1300	1250
Air content	MPa	CSI	CSII
Density of the fresh mortar	-	Class W0	Class W1
Density of the hard mortar	N/mm ²	0,15	0,15
Mechanical strength at 7 days	μ	5/20	5/20
Mechanical strength at 28 days	-	Class A1	Clase A1
Capilar absorption	Kg/m ² /cm	10	13
Adhesion strength	L/bag	6	6

Packaging

Paper sacks of 25 kg. Pallets of 63 bags (1575 kg)

Advices

- Always prepare the supports removing damaged joints. Repair the joints with a lime mortar (with i.pro CHAUX SOCLI or i.pro CHAUX RABOT)
- Always work between 5° and 30°C
- Humidify the wall before application (the evening before)
- Always remove excess mortar at the bottom of the wall
- Always take care of excessive weather conditions (rain and sun) and protect walls
- Store bags in dry conditions maximum one year after production date, mentioned on the bags



Contraindication

- Do not apply on masonry damaged by water infiltration or on water repellent supports or pre-treated by waterproofers.
- Don't make any reinforced concrete with i.design RENOCOLOR
- Don't add any additive or admixture
- Don't apply on following supports: gypsum or timber frame (choose i.pro MUR CENTENAIRE)
- Don't use on frozen walls or thawing

Version 1 – March 2014

