



LO SMALTONE Piastrelle e Cemento

Enamel to the water single component with additive gripping on tiles and cement

Description

LO SMALTONE PIASTRELLE E CEMENTO is a water-based enamel of acrylic nature with matt effect for covering walls and floors in internal and external environments. Pos-sits excellent property Of adhesion live without need Of primer. LO SMALTONE PIASTRELLE E CEMENTO are highly walkable and can be made in any colour. no through the various systems tintometric (After opportune calibration on the neutral) with pastacolorants to base waterfall.

LO SMALTONE PIASTRELLE E CEMENTO, respect the requirements expected from the regulation-you HACCP regard there painting Of environments with presence Of food, compliant at the norm UNI 11021:2002, relationship Of trial GFC Chemistry Ltd. No. 223/L of the 26/06/2020.

Use

LO SMALTONE PIASTRELLE E CEMENTO he comes used For there painting Of walls or floors on supports absorbents And rough (cement, asphalt, etc.) And on supports little absorbents And smooth (ceramic, stoneware, marble, glass, old coverings well anchored, etc.)

Advantages

- Ready to use
- Easy application
- Excellent adhesion
- Not need Of primer
- Achievable in multiple Colors
- Effect opaque

How to use

Quality from the surface

The substrate must be regularly mature, stable and free from dirt, efflorescence. scences, humidity, oils, greases, etc. Do not apply on surfaces subject to negative thrust of humidity or In the case is superior to the 3.5% (measured with specific instrument to the carbide Of football). In different conditions, contact our Technical Office. Any traces of pre-loose coatings and flaking materials that may compromise adhesion of the product they go removed, with adequate equipment.

Preparation from the surface

• *Supports constituted from plaster cementitious*

In presence Of injuries or cracks, foresee there shaving with The smoothing cementitious denominated NAI CM RASANTE ULTRA (see technical data sheet), interposing the FV 70 network any irregularities in the substrate must be levelled using NAI CM RASAINTE ULTRA.

• *Supports in concrete*

LO SMALTONE PIASTRELLE E CEMENTO, applied on the support opportune-mind roughened with specific machine equipped of disc abrasive (smoothing, carteggiatura, etc.).

Carefully any part inconsistent, oils, fats and whatever else may compromise the perfect adhesion of the product. All processing powders do- will come to be completely removed.

In presence Of irons Of armor to view, The same they will have to be in advance

treated with a passivating agent called NAI CM PRO FERRO (according to the technical data sheet). The parts missing or the defects of the cls they will have to be restored by means of Malta there is- anti-shrinkage fibre-reinforced foam called NAI CM RIPRISTINO (according to the data sheet technique).

- **Support in ceramic and glass**

Check there perfect adhesion from the surface, to the support below.

The surface to be treated must be thoroughly cleaned. Any dust, grease or dirt in general That may to compromise the adhesion of the next coating they goremoved.

- **Supports in resin or enamel**

Removal of existing peeling coatings using special equipment equipped of disc abrasive (smoothing, sanding, etc.). Carefully any part inconsistent, oils, fats And whatever else may to compromise there perfect adhesion of the subsequent coating. All processing dust must be carefully removed.

Preparation of the product

LO SMALSTONE PIASTRELLE E CEMENTO and available Already colored or neutral (colorable- through water-based colouring pastes from colour-matching systems, after appropriate calibration on the neutral).

In phase Of coloring to check Also The candies covering of the color made, the directions of the system colorimetric, so long as someone Colors they could supply a poor coverage. For ensure a I wait more Neighbor possible to that desired It is advisable to perform a sample test. Keep in mind that the result may not be identical to a reference of a different type. Furthermore, the product fresh will be able to slightly differ in the tone final, in base to different factors, Between which there drying.

Coloring

- **Neutral base clear**

By selecting the product "Universal Wall Paints 2 Base" with factor 0.75 (equal to 1 kg of product) for Sigma tinting systems; or add up to 2% by weight of pasta colorants For others systems tintometric After opportune calibration on the neutral.

- **Neutral base dark**

Add the pasta colorants in measure of the 17% about on the weight of the product:

- approx. 140 gr on 825 gr of NEUTRAL product (750 ml)
- approx. 560 gr on 3.3 kg Of product NEUTRAL (3 THE)
- approx. 940 gr on 5.5 kg Of product NEUTRAL (5 THE)

Hold present That there viscosity from the pasta colorants, influences on the viscosity of the pro- duct. To ensure perfect homogeneity of the colouring, perform an accurate mi- selection, preferably through shaking systems or with a mixer equipped with specific impeller.

Preparation of the material

- **For supports in ceramic Not absorbents**

Dilute the product with 3% clean water (up to 5% for greater fluidity). Then add the additive provided (pre-dosed or in reason of 1% on the weight of the product). Mix carefully, preferably with mixer And impeller to Bass number Of turns And proceed to the application with roller from enamel or brush.

The consumption expected For Everything is fine hand And Of about 70-80 gr/m² beyond dilution.

The hands next they go applied to distance Of at least 6-8 hours moon on the other andwithin 24 hours (to temperature 23°C - UR 60%) in about 70-80 gr/m² For hand, beyond dilution.

• **For supports Very absorbents type cementitious**

Alone For there Before hand, dilute with waterfall in relationship 1:1 (Always Before Of add-to give the additive).

For the hands next, Instead, dilute The product with The 3-5% Of waterfall.

The consumption For there Before hand will be Of about 60 gr/m² Of product, beyond dilution, men-Three For the hands next will be Of about 70-80 gr/m², beyond dilution.

The hands next they go applied to distance Of at least 6-8 hours moon on the other andwithin 24 hours (to temperature 23°C - UR 60%)

NB: The entry of the additive involves The maximum candies gripping on supports of origin up to 48 hours. After this period, this decreases, therefore it is not recommended to apply direct application on the media (while it is possible to continue to use it freely For the next layers, Always respecting the timing Between a hand And the other).

For the use Of a amount partial Of product, respect to the quantity from the packaging, to dose The material And the additive using a balance electronics, respecting the propose- tions expected.

Everything is fine 100 gr Of product:

- 3 - 5 gr. Of waterfall (100 gr. Alone For there Before hand on surfaces absorbents)
- 1 gr. Of additive gripping

Data technicians

PARAMETER	VALUE
Typology	Single component
I wait	liquid
Color	<ul style="list-style-type: none"> • folder RAL OR NCS • NEUTRAL base clear • NEUTRAL base dark • WHITE
COV	DIR 2004/42/EC: Single-component paints high performance (BA) components. Value limit For This product (Cat. To the) 140 g/l. THE ENAMEL TILES AND CEMENT contains 13 g/l COV.
Weight specific (UNI EN ISO 2811-1)	1.15 ± 0.05 g/cm ³
Surrender in thickness	0.320 mm/kg/m ²
Residue dry	43-48 %
Gloss 60° support smooth (UNI EN ISO 2813)	~ 18 GU
Thickness movie dry	80-100 µm
Viscosity (ASTM D 2196)	3200 MPa*s (rpm =20, 18 °C)
Membership (UNI EN 1542:2000)	Ceramic > 2 Mpa Concrete > 1.5 Mpa yielding support
Maturation complete	7 days from the last layer
Consumption medium total	0.200-0.250 kg/ m ²
Temperature Of application	+15 °C / +30 °C
Touch dry time(to 23 °C - UR 65%)	2 hours
Time Of overlap(to 23 °C - UR 65%)	from 6-8 hours within 24 hours
Resistance to abrasion UNI 8298-9 (grindstone type CS17, 1000 turns, 1000 g)	118 mg

Storage	12 months to temperature included Between + 10°C and +30°C away from direct sunlight, sources Of heat And from the frost
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Packages

750 ml - 3 the - 5 the

Warnings

Not apply on supports wet And Not perfectly seasoned.

Not apply directly on surfaces with Ph > Of 11 (contact The our office technician). Apply to temperature including Between +15°C And 35°C. Avoid rain And stay Of water for the first 7 days. Do not apply if there is a possibility of dew. Do not cover the material with cloths or other protections to contact during drying, in How much they could to compromise there correct maturation.

The product And walkable with caution After 6-8 hours. There complete maturation it happensAfter 7-10 gg in operation from the environmental conditions.

In case of contact with eyes, rinse thoroughly with water and consult a doctor immediately. dialy The doctor. Use clothes protective. Before of the application of the product (or production batch), always check that the color corresponds to the one estimated.

The final application of the material implies acceptance of the same in all respects. slices And preclude any dispute.

Check Always the last one update from the form technique consulted.

Specifications

Painting Of walls or floors is on supports absorbents And rough (cement, asphalt, etc.) and on both low-absorbent and smooth surfaces (ceramic, stoneware, marble, glass, old coverings well anchored, etc.) by means of application in more layers to roller or brush Of single-component, matt, walkable water-based enamel based on acrylic resins and special additive gripping called LO SMALSTONE PIASTRELLE E CEMENTO, applicable without the use of anchoring primers for an average final consumption of approximately 0.200 - 0.250 kg/m².

Service

NAICI, in addition to its sales offices, offers its customers a TEAM OF SPECIALIZED PERSONNEL for technical assistance and any application of the product.

This sheet is based on our best knowledge of the product. Since we cannot exercise any control over the application of the same and there are multiple variations of use, NAICI assumes no responsibility for the use of the product. Always do reference at the last one version updated from the form technique, available on the site www.naici.it