Wellness Paint Le pitture del benessere



Inspira

Natural mineral silicate paint Low VOC for interior.



Eco-friendly silicate mineral paint with high vapour permeability, low VOC, which does not foster the proliferation of moulds, to achieve a healthy and comfortable environment.







Excellent vapour permeability



Low VOC content



Qualifies for green credits

Coverage

11 – 16 m²/l

per coat



Dilution 1° coat 15-20% 2° coat 5-10%



DESCRIPTION

Inspira is a mineral natural paint for interior for the protection and decoration of walls and ceilings. **Inspira** is composed by stabilized inorganic potassium-silicate, organic additives lower than 5% (volume solids-compliant with DIN 18363 standard), alkali resistant and able to improve the rheological characteristics, inerts and inorganic mineral pigments resistant to light that give the product an excellent opacity. **Inspira** has a **maximum V.O.C content of 0.2 g/l** and meets therefore the LEED and GBC requirements. Thanks to its alkalinity it is resistant to mould, fungae and algae. Because of its mineral composition, it has an excellent adhesion to the mineral substrate through chemical processes that create an unbreakable bond;

USES

It is the ideal system for private houses and workplaces, kinder gardens, schools and nurseries. **Inspira** promotes an healthier indoor environment and helps creating a safe and welcoming place, ideal for children and sensitive people. It is also an ideal interior paint in Green Buildings and for the preservation and restoration of the interior of historic buildings such as churches, palaces and ancient villas.

PROPERTIES

- Excellent vapour permability.
- Solvent-free
- Good resistance to washing and abrasion.
- Excellent matt effect and opacity.
- Mould and fungae resistent.
- Non-flammable
- Ideal for kids room.

SUITABLE SUBSTRATES

Lime plaster, cement-lime plaster, cement plaster, dehumidifying plaster, skimcoat with INTOCALCE or INTOCEM PLUS and old mineral paints; **Inspira** can be also be applied to gypsum surfaces or old acrylic and latex paints as long as they are well adherent to the substrate and after adequate surface preparation.

SURFACE PREPARATION

Surface must be dry and cured, perfectly anchored to the substrate, free from dirt, grease, mould, bacteria, fungi, efflorescence or anything that could compromise adhesion or the successful outcome of the work. Treat beforehand any potential mould by applying MUROSANO RISANANTE diluted 1:5 - 1:10 with water. Apply by brush on the contaminated surface until full saturation. Let it act for at least 24 hours. . When the surface is dry proceed with an adequate cleaning with a solution of water and bleach. Air the room during application of treatment. Remove as much as possible old layers of non-absorbent enamels, varnishes or paints and restore the original substrate. On old deteriorated, flaky and/or non-uniform substrates, or on previously painted surface, it will be necessary to brush carefully, scrape and remove any loose parts before applying one coat of ACCADEMIA SILIK PRIMER diluted in 2:1 - 1:1 with water, or PRIMER A diluted in 4:5 with water, in order to consolidate the substrate and uniform the absorption rate. On irregular substrates and non-uniform surfaces perform a skimcoat with INTOCALCE or INTOCEM PLUS. Wait until the substrate is perfectly cured before proceeding with application. Any efflorescence in the substrate should be adequately neutralised. In case of rising damp it is necessary to restore the substrate with special dehumidifying plaster ARCADIA® RISANANTE. On a solid, dry and well cured substrate apply Inspira directly.

APPLICATION

Inspira is applied by brush or roller in 2 coats, diluted 15-20% with water for the first coat and 5-10% for the second coat. Wait 6 hours between the 2 coats. The product is completely dry after 8-12 hours.

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TECNHICAL DATA

CONSUMPTION PER COAT:

PLASTERBOARD AND SKIMCOAT 0.060 -0.080 l/m² - 12-16 m²/l CEMENT PLASTER 0.070 -0.090 l/m²- 11-14 m²/l OLD PAINT 0.060 -0.080 l/m²- 12-16 m²/l

DRYING TIME AT 20° Dust dry about 2 hours, In depth 8-12 hours

SPECIFIC WEIGHT $1.50 \pm 0.05 \text{ kg/l}$

(UNI EN ISO 2811-1)

VISCOSITY $8000 \pm 100 \; \text{cps}$

GLOSS INDEX Very Matt (gloss<5, 85°)

(UNI EN ISO 2813:2002)

VOLUME SOLIDS AT 105°C 56.53% ± 1% **GRAIN SIZE** Fine < 100 u

(UNI EN 1062-1:2005)

OPACITY 7 m²/l (UNI EN ISO 97.91% Class 3

6504-3:2007)

pH (UNI 8311:1981) 10.9 + 0.3

WET-SCRUB RESISTANCE (UNI Ldft=69.86 micron

EN ISO 11998:2006) Class 3

WATER VAPOUR Sd=0.0183m Thickness = 149 μm

 $\mu = 122$ **PERMEABILITY**

Class V1 = high permeability (UNI EN ISO 7783-2:2001)

 $w=1.212 \text{ kg/(m}^2\text{h}^{0,5})$ LIQUID WATER PERMEABILITY

(UNI EN 1062-3:2008) Class W1 = high permeability

V.O.C.:

STORAGE 1 year in perfectly sealed package at temperature < +5°C

COLOURS White, "I Colori del Colore", "Armonie d'interni".

101 - 51 **PACKAGES**

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

A/ a) "matt coatings for interior walls and ceilings"; Limit Phase II (from 01/01/2010): 30 g/l.

Max VOC in the product: 0.2 g/l.

IMPORTANTS NOTES

- Surface must be perfectly dry and cured and well-adherent to the substrate, free from dirt, grease, mould, bacteria, fungi, efflorescence or anything that could compromise adhesion or the successful outcome of the work.
- Store away from frost (minimum + 5°C).
- Store in a cool, dry place away from sunlight.
- Use the product at room and substrate temperature between + 8°C and + 35°C and with relative humidity < 75%
- Avoid drying when room and substrate temperature is below +5°C.
- Do not apply when rain is imminent, in full sunlight, when it is very windy or with persistent fogs.
- Protect surfaces against driving rain until the product is fully cured.
- Position scaffolding for continuous application as far as architectural interruptions so as to prevent the creation of ioints, overlaps and colour differences.
- Purchase the colour in a single batch in a sufficient quantity to complete the job or at least a sufficient portion of the job in order to avoid visible colour differences.
- Wash the tools with water immediately after use.
- Due to its high alkaline nature of the product, it could irritate the skin and eyes. Avoid contact.
- For any issue not covered by TDS, please refer to the relevant safety sheet and/or contact our Technical Office.

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

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