

# Tendenze

Acrylic-siloxane colourwash for interior and exterior



Mod. 51 Rev 64

Last update 24/03/2022

## CHARACTERISTICS:

**TENDENZE** is an acrylic-siloxane colourwash for interior and exterior. It is composed by silicone and acrylic resins, and special additives to improve application and storage, and a special bactericide–fungicide that guarantees total protection from mould and algae. Thanks to its composition, **TENDENZE**, has an excellent vapour permeability, high water resistance, low dirt pick-up and it is resistant to chemical and atmospheric agents. It is as well resistant to UV-rays and has excellent adherence on mineral substrate as well as old organic paint with a good degree of absorbency. **TENDENZE** can be applied on many type of paint and coatings, including lime, silicate, silicone and acrylic ones. In exterior, it is particularly suitable on **PROTEXIL® STRUCTUR**, **PROTEXIL® FINE**, **ACCADEMIA STRUCTUR**, **SMARTCOAT 0.4 mm**, **SMARTCOAT 0.7 mm**. In interior it is also excellent to decorate and protect decorative lime plasters such as **RASATO FINE** and **RASATO TRAVERTINO**.

## USE:

Thanks to its characteristics, **TENDENZE** is ideal for the protection and preservation of exterior walls and the decoration of interiors, both on modern and historic buildings. It is ideal wherever the desire is to achieve a colourwash, two-tone effect. **TENDENZE** can be applied on particularly exposed walls and on frequently used rooms. **TENDENZE** can be applied on: siloxane paints and coatings, silicate or lime paints and plasters, acrylic paints and coatings.

## SURFACE PREPARATION:

**EXTERIOR:** Erect scaffolding so as to allow work to continue uninterrupted up to natural boundaries on building. In case of old coatings or synthetic emulsion paints, ensure that they are perfectly bonded to substrate, perform a high-pressure washing, treat in advance any algae, fungus, etc with **MUROSANO RISANANTE**, then apply one coat of **PROTEXIL® PRIMER** diluted 2:1 with white spirit. On old surfaces that are in poor condition, chalky and/or uneven, or on old mineral paints, brush thoroughly, scrape and remove any loose parts, then apply a coat of **PROTEXIL® PRIMER** diluted 2:1 or 1:1 depending on the thickness of the surface, with white spirit or **PROTEXIL® ACQUA PRIMER** diluted 1:3 with water, to consolidate the substrate and regulate the absorbency. If the surface is particularly uneven, apply **INTOCHEM PLUS** or **INTOCALCE** as a skimcoat. Wait for its full curing before proceeding. On new, smooth surfaces remove all traces of dust and dirt, and ensure that the surface is not too damp and that the plasterwork has fully cured. Apply **PROTEXIL® ACQUA PRIMER** according to TDS.

**INTERIOR:** Scrape and brush old paintwork or loose, dusty plaster. Treat any damp patches or stains. Presence of moulds, fungi, algae should be treated in advance with **MUROSANO RISANANTE** and let it act for at least 8 hours. Smooth uneven surfaces with **PLASTUC TIPO A** or **STUCCO IN POLVERE MP**. Apply one coat of **PROTEXIL® ACQUA PRIMER** diluted 1:3 in water according to the thickness of the substrate.

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## APPLICATION:

**TENDENZE ON PROTEXIL STRUCTUR, PROTEXIL FINE, ACCADEMIA STRUCTUR, SMARTCOAT 0.4 mm or SMARTCOAT 0.7 MM:** On a dry, solid surface apply two coats of **PROTEXIL® STRUCTUR, PROTEXIL FINE, ACCADEMIA STRUCTUR, SMARTCOAT 0.4 mm or SMARTCOAT 0.7 MM**, white or in a lighter shade than the final **TENDENZE** colour. Dilute the selected product as per product's TDS and apply by brush or roller. Once the surface is perfectly dry, apply **TENDENZE** after diluting it 30 - 70% with water. **TENDENZE** can be applied by brush, sponge, glove, etc. according to the effect desired. The suggested systems are siloxane or mineral painting system which guarantee high vapour permeability of the substrate.

**OTHER APPLICATIONS:** **TENDENZE** offers great opportunities in terms of effects and creativity and can be applied in many different ways on different substrates. It is possible to apply **TENDENZE** by short-bristle brush in crossed or circular strokes, by natural sponge, by glove, with a cloth, or by using pads or rollers. **TENDENZE** can even be applied with a float, using the product undiluted. Given its great versatility, **TENDENZE** can also be applied over most paints if suitably prepared, slightly rough and not excessively absorbent, including lime plaster, silicate paints and coatings, siloxane paints and acrylic paints and coatings.

**NB. WATER-RESISTANCE IN EXTERIOR:** The product dries and polymerizes in approximately 10 days in good weather conditions (+15° - +30°C with substrate humidity <10% and RH <75%). If, before complete drying, the surface is exposed to rain, water, and/or condensation (i.e., fog and/or humidity >85%), the surface might be subject to visible semi-gloss dribbles.

## IMPORTANT NOTES:

- Before application, ensure that the surface to be painted is perfectly dry and hardened, and that it has good adherence to the supporting ground. It must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence or any other defect that could impair adherence or successful results.
- Do not allow product to freeze (minimum 5°C).
- Store product in a cool, dry place and do not expose to direct sunlight.
- Use product at a temperature of the work environment and treated surface between 8°C and 35°C. Relative humidity must not exceed 75%
- Do not allow drying to take place with temperature of the work environment and treated surface below 5°C.
- Do not apply product if rain is likely or in the presence of strong sunlight, strong winds or persistent fog.
- Protect treated surfaces from rain for the time required to allow product to fully harden.
- Scaffolding should be erected in a way that allows work to be continued uninterrupted until a natural boundary of the building is reached, to avoid seams, overlaps and differences in shade.
- When colored product is used, ensure that enough quantity of the same batch of paint is available to complete the entire job, or at least to complete whole sections that will not reveal differences in shade.
- Wash all equipment with water after use.

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## TECHNICAL DATA:

<b>Drying time at 20°C</b>	touch dry 1 h, dry in depth 8 - 12 hours
<b>Appearance of dry finish</b>	Smooth, matt
<b>Coverage</b>	16 – 25 m <sup>2</sup> /l = 0.04 – 0.06 l/m <sup>2</sup>
<b>Specific weight</b>	1.02 ± 0.05 kg/l
<b>Volume solids at 105°C</b>	19.5 ± 0.5%
<b>pH</b>	8.5 - 9
<b>Dilution</b>	30-70% with water
<b>Base</b>	C – clear
<b>Packages</b>	12 l – 4 l – 1 l
<b>Colours</b>	“Collezione Velature”.

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

Classification: A/ I) "decorative effect coatings";

Limit Phase II (from 01/01/ 2010): 200 g/l

VOC: 40 g/l (max).

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.

Please refer to the relevant Safety Data Sheet.