Texstōn Palladino

DESCRIPTION

TexStōn *Palladino* is a Nanostructure blade-applied **Mature slaked Lime Putty polished plaster** based on pure lime (CL 90-S) conforming to the normative EN 459-1 Building lime Definitions, specifications and conformity criteria, European Standard for Building Lime. It's environmentally friendly formula is extremely low in chemical additives (less than 2% in total). Easy to apply, it has an excellent filling power and it resists aggressions by mold and bacteria.

Palladino has a matte appearance with natural shades and is suitable for decorative wall surfaces for **interiors** and **exteriors**. Perfectly stable over time, it ensures outstanding breath-through properties thanks to its excellent permeability to water vapor.

Palladino is the basecoat for four different finish systems: Palladino Carrara, Palladino Classico, Palladino Finitura, and "regular" Palladino.

-The **Palladino Carrara** system is a basecoat of Palladino followed by a finish coat of TexStōn Palazzo.

-The **Palladino Classico** system is a basecoat of Palladino followed by a finish coat of TexStōn Veneciano.

-The **Palladino Finitura** system is a basecoat of Palladino followed by a finish coat of TexStōn Antico.

-The regular **Palladino** system is a basecoat of Palladino followed by a finish coat of Palladino.

Palladino interior systems include the following products: **TexPrep Primer**, **Palladino, Lime plaster as the finish coat (from the list above) Top coats(optional); CeraWax , SDS 15 Penetrating sealer or any of the TexStōn top coats.**

Palladino exterior systems include the following products: **TexPrep Primer**, **Palladino, Lime plaster with 2% RPA mixed in, as the finish coat (from the list above) Top coats (optional); SuperWax or SDS 15 Penetrating sealer or any of the TexStōn exterior top coats.**

COLOR RANGE

Palladino is inventoried in a tintable base that can be custom colored to meet design requirements. Pick a color from any leading paint manufacturer, or send us a swatch of the fabric, tile or stone you are using and we will match it.
Tint with high-quality water-based colorants. Colorants can be factory-mixed or added at jobsite.

Exteriors: Only natural white color and light oxide colors, if using Palladino as the last finish coat, all other system can get darker color with the limitation for exterior use, I.E. limited pigment saturation of up to 7% and using exterior fade-resistant grad pigment

Interiors: Full range of Colors

INSTALLATION

Substrates: Apply Palladino over substrates that are clean, cohesive, free of contamination and as follows:
Plaster Brown Coat: Apply brown coat in accordance with ASTM C926 - *Application of Portland Cement-Based Plaster* and Portland Cement Association's *Portland Cement Plaster (Stucco) Manual*. Pay particular attention to moist curing requirements to minimize shrinkage cracking; cure at least seven days (21 days recommended) prior to application of finish coating. The brown coat need to receive a level coat (see Leveling) to produce substrate without cavities in order to control the amount of the lime plaster. For additional resistance to cracking, a fiber mesh can be imbedded into the level coat.
EIFS Base Coat: Comply with exterior insulation and finish system manufacturer's instructions. Surface should be sponge floated to a fine sand texture creating mechanical bond
Gypsum Drywall: (Interiors Only) Drywall shall be taped and then sanded or floated. Provide Level Four or better surface in accordance with Gypsum Association's GA-214 - *Recommended Levels of Gypsum Board Finish* to assure that substrate defects are not visible through plaster.
Concrete and Masonry: Allow concrete and mortar to cure 28 days prior to finishing. Concrete should be free of form release agents that could interfere with adhesion of Palladino. Sand glossy surfaces. Mortar joints should be flush.
Trim and Fasteners: On exterior and wet areas, use corrosion-resistant materials for expansion and control joints, corner beads, flashings and other trim and fasteners.
Existing Substrates: Remove deteriorated substrates and patch in acceptable manner. Glossy surfaces and oil-based paints should be sanded. Wash with trisodium phosphate diluted as indicated on product label. Rinse, neutralize and wipe dry.

Leveling: Remove projections and, if required, fill depressions with leveling coat. Leveling coat can be factory-bagged plaster mix EIFS cement base coat such as BASF Senergy, or mixed with a liquid acrylic such as TexStōn™ 7350 diluted 1:4 with water, or can be a blend of one part Portland cement with 2 to 2 ½ parts washed and bagged sand and mixed with TexStōn™ 7350 diluted at rate of 1:4 with water. **Leveling** Surface should be sponge floated to a fine sand texture creating mechanical bond

Preparatory Work:
Masking: Mask and protect adjacent surfaces 1/8" away from the surface to leave space for the plaster thickness.
Prime: Primer is required over gypsum board, MDF wood and other substrates with uneven suction absorption, and to improve adhesion to smooth substrates, use of type compatible with substrate. Use TexStōn **TexPrep Primer™:** A translucent-white, tintable, liquid- penetrating primer-sealer/undercoat. It is alkali-resistant and specifically formulated for TexStōn plasters. TexPrep penetrating Primer sealer is an acrylic, water-based interior and exterior penetrating primer sealer that equalizes the suction of the substrate. It features hollow ceramic spheres that create suction and a mechanical bond. Use of this product is a requirement of the TexStōn warranty for most installations.

Mixing: Mix Palladino to assure colorants are uniformly dispersed. If necessary, reduce the viscosity of the product by mixing with a drill mixer, if needed to be more deluded, dilute with small amount (two percent maximum by weight) of clean, potable water. Mix with clean tools and protect against entry of dust and debris into container. In order to **tint** the **Palladino** before pouring the chosen colorant, reduce the viscosity of the product. Let the tinted product rest for **12 hours** if possible before starting the application cycle.

GENERAL

PALLADINO is ready to use. Any water present on the surface is considered normal, and should be completely removed before using.

FIRST COAT

Product: **PALLADINO only white natural color**

Yield: Approximately 180-200 sq.ft. Per 24 kg

When the coat of primer is completely dry, apply a generous first coat of **Palladino** homogenously, creating an even, flat surface, use a sponge float to get even and ridges free coat.

SECOND COAT

Product: **PALLADINO natural white or tinted.**

Yield: Approximately 240-300 sq.ft. Per 24 kg

Proceed when the **first coat** is completely **dry** (2 to10 hours).

Apply **Palladino non tint or tinted** evenly, working with enhanced inclination of the steel blade.

When the surface is dry to the touch, smooth down and polish by keeping the stainless steel trowel with a 45° inclination blade. In order to help you to reach a smooth effect, apply a thin veil of Palladino and keep on polishing till the desired finishing is obtained.

ENVIRONMENTAL APPLICATION CONDITIONS AND PRECAUTIONS

During the application phase, the environmental temperature must be between +50°F and + 85°F. The relative humidity must be lower than 85% also during the 24 hours following the application.

For exterior applications, protect from any rainfall for 2 days following the installation.

STORAGE

The packaged product maintains its properties for a period of 24 months if protected from excessive heat and cold. Storage temperature must be between **+40°F** and **+85°F**. Keep from freezing.

SAFETY GUIDELINES

The lime makes this product caustic. Avoid contact with skin and eyes. If contact occurs, rinse thoroughly with water. For more information consult the safety sheet. Keep the product away from children.

The product must be disposed in agreement with current regulations.

Empty containers are to be sent to recycling plants.

TECHNICAL SPECIFICATIONS

Appearance	matte marble effect, with natural shading
Packaging	24 kg net (5 Gallons)
Application tools	1st coat: steel trowel and sponge float
	2nd coat: stainless steel finishing trowel
Specific weight	1,56 ± 0,05 Kg/l
Theoretical yield	100-130 sq ft/24 kg
Granulometric curve	max. 0,70 mm
Coating thickness	1,0 mm in 2 coats
Dry to the touch	2 to 6 hours with environmental temperature of 55°F
Dry to handle	24 to 48 hours with environmental temperature of 55°F
Stable hardness	14 days
Dry to recoat	3 to 24 hours with environmental temperature of 55°C
pH after 30 days	12,5 ± 0,2
Permeability to water vapour (Sd)	High: 0,006m (V_1)
	Standard: UNI EN ISO 7783-2:2001
Permeability to liquid water (w_{24})	Low: 0,060 kg/m^2/t$^{1/2}$ (W_3)
	Standard: UNI EN 1062-1:2005
VOC classification	0 g/l

TECHNICAL SERVICES

Design: TexStōn and many of its distributors are ready to assist designers with color matching and custom color development services; color chips and sample boards are available. Our master craftsmen are also available to help develop special textures and aesthetic effects and to provide assistance with specification development.

Training: The ultimate quality and beauty of TexStōn finishes depend upon the skill of the installers who apply them. While lime plaster is simple enough that any skilled finish contractor can learn to apply it, we also conduct rigorous training programs that enable us to certify master craftsmen. Classes can be conducted in the TexStōn studio, at a distributor's or contractor's location, or on a job site.

Installation: When specified for large or complex projects, TexStōn can provide master craftsmen to assist local applicator crews.

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