



Product Specification Guide

Product Name:

TADELAKT

PRODUCT DESCRIPTION: Color Atelier Tadelakt is a special purpose plaster designed for use in wet areas such as shower walls, tub surrounds, and backsplashes. It can also be used for decorative dry area applications, and outdoors. Finish is very durable, breathable, low maintenance, and water resistant. Color Atelier Tadelakt has a seamless, smooth and slightly shiny appearance with subtle movements, and a luxurious feel. Product will provide excellent bond to any properly prepared porous substrate, interior or exterior. Color Atelier Wax-Sealers are recommended for desired water protection, durability, and ease of maintenance. Tadelakt plaster is a naturally elegant alternative in wet areas, for an organic, tactile look, with no seams, or grout lines. It is naturally resistant to mold, mildew, and fungus.

PRODUCT ESSENTIALS: Tadelakt, an ancient lime plaster finish, dates back to Romans, originated in Morocco. Color Atelier Tadelakt is made in the U.S., considered for the type of substrates we typically encounter in modern construction. Formulated with hydraulic minerals, aged lime, marble powder, clay and mineral pigments. For millennia Tadelakt has been appreciated for its beauty, and function. Tadelakt in wet areas is a specialized technique requiring a certain level of knowledge and expertise to guarantee a water-repellant surface. The continuity of the wet area performance of a Tadelakt finish are based on the proper installation methods and care and maintenance by the owner. Color Atelier can not guarantee any finish outcomes.

READ ALL INSTRUCTIONS THOROUGHLY BEFORE USE

COVERAGE: 32 lbs. will cover approximately 180 sq. ft. in 1 coat, depending on the application and porosity of surface. 2 to 3 coats are necessary for the application.

SUBSTRATE PREPARATION FOR NON-WET AREAS: The drywall should be finished to minimum level 3. Prime with Color Atelier Bonding Primer. Apply Tadelakt once the primer is fully dry. Sealer and/ or Wax are optional depending on the area.

SUBSTRATE PREPARATION FOR WET AREAS: Over the studs, follow either of these recommended methods.

METHOD #1	METHOD #2
1. Plywood	1. Plywood
2. Waterproof membrane	2. Waterproof membrane
3. Metal lathe with J-mold casing	3. Backer boards with J-mold casing
4. Scratch brown coat	4. Fiberglass mesh + Adhesive
5. Color Atelier Base	5. Color Atelier Base
6. Color Atelier Tadelakt	6. Color Atelier Tadelakt
7. Color Atelier Wax-Sealer	7. Color Atelier Wax-Sealer

Proper surface preparation is critical for a successful application. In most common scenarios, assuming a framed wall is in place with studs, and plywood as shear wall, and apply a waterproofing membrane on top. Once the waterproofing is complete, install metal lathe with scratch brown coat, and follow by Base and Tadelakt coats on top. Another way to prepare the substrate after the plywood, and waterproofing steps, is installing backer boards. Put up a fiberglass mesh on the entire boards surface with adhesive. Follow by Base and Tadelakt coats on top.

INSTRUCTIONS FOR USE: Once the substrate is prepared properly, apply the first coat of Base with a stainless steel trowel. Let it dry for 24 hours, and apply the second coat of Base on top, also let this coat dry for 24 hours. Proceed with the first coat of Tadelakt application, let this layer dry about 70%. It needs to be as flat and as even is possible. Before the previous coat completely dries, i.e. damp, apply an additional coat, increase your troweling pressure for this final coat of Tadelakt. Before the material dries, completely trowel down the with a clean burnishing trowel. This step will close up grain and smooth the surface.

MIXING: It requires the addition of only clean water for mixing. Product should be mechanically mixed to provide maximum workability. For Hand Application: Approximately 3 to 5 quarts (liters) of clean water per 32 lbs product will be necessary. However, producing a smooth, workable consistency is the key. Work the product in batches. Add approximately 1/2 of the required water to the mixer. With the blades running, carefully add the product. Allow ample time for initial mixing, add remaining mix water, and complete mixing to produce a smooth, workable consistency. Check the good working consistency with the drop test. Once the correct consistency is achieved use the mixed plaster right away, as it will remain workable only for a couple of hours.

COLORS: Color Atelier Tadelakt is available in a curated color palette. Mineral pigments are pre-blended into the formula, it only requires the addition of water for mixing. Once the material is well-mixed, use it right away. Due to the nature of artisanal applications, colors and movements may vary. It is normal for Tadelakt to darken when wet and return to normal when dry.

TINTING: Tadelakt can be custom tinted with dry mineral pigments, zero voc colorants or universal tints. Select white Tadelakt for lighter color variations, and grey Tadelakt for darker colors. The maximum amount of pigment that can be added is 10 percent of the total volume of the product. It only requires the addition of clean water for mixing. Once the material is well-mixed, use it right away.

POLISHING: When the walls are damp (not too dry, not too wet), polish out the surface using a clean stainless steel trowel. Use short random strokes and keep your trowel edge clean. A smaller burnishing trowel will provide more pressure for polishing. A chrome treated trowel will avoid getting any black marks on the finish, especially with light colored plasters.

WAX-SEALING: This step is necessary for shower and bathroom areas, for added water resistance and easy cleaning. Apply Color Atelier Wax-Sealer with a brush and buff with a rag; in wet areas two coats are recommended. If Color Atelier Sealer -water based liquid sealer- is used instead, apply a coat of Color Atelier Clear Wax at the end.

CARE & MAINTENANCE: Color Atelier Tadelakt is a durable finish that can last a lifetime. The aesthetic continuity and functional performance are the results of a successful installation and care by the owner. If the walls are maintained properly—meaning avoiding harsh cleaners and bleach—Tadelakt is remarkably easy to maintain, as there are no seams or grout lines. It is naturally resistant to mold, mildew, and fungus. For regular cleaning, we recommend using a sponge with a mild, natural soap and warm water. To reduce staining, avoid setting items like shampoo bottles directly on the Tadelakt surface. Avoid Tadelakt surface from etching and chipping which can impact the water repellent property of the finish. Repairs are possible depending on the level of damage. For general maintenance, every few years, we recommend re-waxing the Tadelakt shower area with our Wax-sealer or Wax-paste products to make it additionally resistant to stains. For a commercial application, re-waxing can be performed more often, as needed.

NOTE: Do not apply when surface or ambient temperature is below 41 °F or above 93 °F.

CLEAN UP: Immediately after use with warm, soapy water.

PACKAGING: Color Atelier Tadelakt is available in 32 lbs size packaging.

STORAGE: Keep tightly closed. Store at the room temperature 45°F (7°C) and 90°F (32°C). Do not store in direct contact with the ground and/or concrete. Store out of direct sunlight. Do not store outside. Rotate stock every 90 days.

LIMITATION: DO NOT apply product when the ambient and surface temperature is below 45°F (7°C) or above 90°F (32°C). The ambient and surface temperature must stay consistently within this range until fully dry. DO NOT apply Tadelakt if there are contaminants on the receiving surface. Contaminates may include, but are not limited to dust, debris, efflorescence, and/or oils.

CAUTION: Do not take internally. Mix in a well-ventilated area and avoid breathing powder or dust. MAY IRRITATE EYES. Avoid eye and skin contact. Corrosive. Because of high pH

somewhat Caustic. Do not get into eyes. If in eyes, rinse well with water. If swallowed, call Poison Control Centre or doctor immediately.

WARNING: If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information at 1-800-424-LEAD or log onto www.epa.gov/lead

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WARRANTY: The following is made in lieu of all expressed and implied rights, warranties and conditions, statutory or otherwise. The manufacturer's only obligation shall be to replace such quantity of products proven to be defective within one year following the date of manufacture, provided that the alleged defective product is returned prepaid to the manufacturer's address and is accompanied with proof of purchase and batch number.

KEEP OUT OF REACH OF CHILDREN.

