



## 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 Sealers and Waxes are recommended for desired water protection, durability, and ease of maintenance. It 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 dust, 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 and care and maintenance by the owner. Color Atelier can not guarantee any finish outcomes.

### **READ ALL INSTRUCTIONS THOROUGHLY BEFORE USE**

**COVERAGE:** One bag of 30 lbs. will cover approximately 180 sq. feet in 1 coat, depending on the application and porosity of surface. 2 to 3 coats necessary.

**INSTRUCTIONS FOR USE:** Restore and repair walls to smooth surfaces. Apply the first coat of product with a stainless steel trowel. Let it dry for 24 hours then apply another coat of product with a stainless steel trowel using short random strokes. Do not let your edges dry; apply wet material to wet material. Let this layer dry about 70%. It needs to be as flat and as even is possible. Before the previous coat completely dries, apply a second coat with a stainless steel trowel, increase your troweling pressure for this coat. Before the material dries completely trowel down the with a clean burnishing trowel. This step will close up grain and smooth the surface. Color Atelier Tadelakt will provide excellent bond to any properly prepared porous substrate.

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

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

#### **METHOD #1**

1. Plywood
2. Waterproof membrane

3. Metal lathe
4. Scratch brown coat
5. Base
6. Tadelakt
7. Sealer+Wax

## METHOD #2

1. Plywood
2. Waterproof membrane
3. Backer boards
4. Fiberglass mesh + Adhesive
5. Base
6. Tadelakt
7. Sealer+Wax

In most common scenarios, assuming a framed wall is in place with studs, and plywood, apply a waterproofing membrane. Once the waterproofing is complete, install metal lathe with scratch brown coat, and follow by Tadelakt base coat 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 our special purpose alkali resistant adhesive. Follow by Tadelakt base coat on top.

**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 30 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. Please note that the base coat should be thicker than the finish coat.

**COLORS:** Color Atelier Tadelakt is available in a curated color palette. It can also be tinted with colorants or dry pigments. It requires the addition of only clean 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 also custom tinted with dry mineral pigments, zero voc colorants or universal tints. Select white for lighter color variations, and grey for darker colors. The maximum amount of pigment that can be added is 10 percent of the total volume of the product. It requires the addition of only 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.

**SEALING AND/ OR WAXING:** This step is necessary for shower and bathroom areas, for added water resistance and easy cleaning. Apply a coat of Color Atelier Sealer, with a brush and buff with a rag. And apply a coat of Color Atelier Clear Wax at the end with a trowel, or cloth.

**MAINTENANCE:** If the walls are maintained properly—meaning avoiding harsh cleaners—Tadelakt is remarkably easy to maintain. For regular cleaning, we recommend using a sponge with natural soap and warm

water. Also, the walls can be re-waxed every few years in shower areas to make it additionally resistant to stains. 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.

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

**CLEAN UP:** Immediately after use with hot, soapy water.

**PACKAGING:** Color Atelier Tadelakt is available in 30 lbs. size bag.

**STORAGE:** Keep tightly closed. Store at the room temperature. Do not store outside. Rotate stock every 90 days.

**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](http://www.epa.gov/lead)

**NOTICE:** We shall not be liable for incidental or consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within 30 days from the date it was or reasonably should have been discovered.

**KEEP OUT OF REACH OF CHILDREN**

