

HD-LED TITAN SEALER 1850-0007

Product Description

HD-LED TITAN SEALER is an innovative, solvent-free bonding primer designed for use on construction sites. Particularly noteworthy are its excellent adhesion and very good Cointest results in combination with the entire system. When used as a primer, it enables the creation of permanently elastic and highly adhesive flooring systems. HD-LED TITAN SEALER can also be tinted with special color pastes to further enhance the wood's natural beauty.

Area of Application



- Hardwood floors
- Stairs
- Wooden floors
- Furniture surfaces

Certificates, Standards & Product Features



DIN EN 71-3 (Safety of Toys—Migration of Certain Elements)
DIN 68861-1B (Durability of Furniture Surfaces)
Complies with the Decopaint / VOC Directive

GISCODE

-

Technical Specifications

Viscosity: 25–30 sec. in a DIN 6 cup / 20 °C

SUBSTRATE

Type of substrate

Dark hardwoods, thick-layer veneer, no light tones

Preparation

Dry wood (residual moisture <12%), free of grease, silicones, and oils.
Free of sanding dust and other contaminants.

Basic sanding

Sand with 120-grit sandpaper and remove the dust

PREPARATION



Short-pile roller for sealing, brush

Application quantity

40-60 g/m²

Construction Site / On-Site

Apply the paint by hand at the construction site and spread it evenly with a roller

Thinner

Note: For deep cracks, add 5% HD-LED PERFORMANCE BOOSTER 1800-0010.

DRYING

Let it cure for 20–30 minutes after application

Curing: 1 LED lamp (395) min. 14 W/cm² V=7–10 m/min

APPLICATION EXAMPLE

System

Primer

HD-LED TITAN SEALER 1850-0007

+ 5% HD-LED PERFORMANCE BOOSTER 1800-0010

Apply 1 coat at 40–60 g/m² using a roller

Let it cure for 20–30 minutes

Curing: 1 pass with an LED lamp (395) at a minimum of 14 W/cm²; V=7–10 m

Intermediate sanding with a Maroon pad

Topcoat

HD-LED TITAN TOP GLOSS 1808-0010

+ 10% HD-LED PERFORMANCE THINNER 1899-0005

Apply 1 coat at 50–70 g/m² using a roller

Let it rest for 20–30 minutes before curing

Curing: 1 LED spotlight (395) at a minimum of 14 W/cm², V=7–10 m

Colored system

Primer colored

HD-LED TITAN SEALER 1850-0007

+ 5–30% Color/Color Concentrate 3180-xxxx

+ 5% HD-LED PERFORMANCE BOOSTER 1800-0010

Apply 1x 25–30 g/m² and work in with a white pad

Let stand for 20–30 minutes before curing

Curing: 1x LED spotlight (395) min. 14 W/cm² V=7–10 m

Intermediate sanding with a maroon pad

Colored system

Topcoat 1

HD-LED TITAN TOP GLOSS 1808-0010

+ 10% HD-LED PERFORMANCE THINNER 1899-0005

Apply 1 coat at 40–60 g/m² using a roller

Let it cure for 20–30 minutes

Curing: 1 pass with an LED lamp (395) at a minimum of 14 W/cm²;

V=7–10 m

Intermediate sanding with a Maroon pad

Topcoat 2

HD-LED TITAN TOP GLOSS 1808-0010

+ 10% HD-LED PERFORMANCE THINNER 1899-0005

Apply 1 coat at 40–60 g/m² using a roller

Let it rest for 20–30 minutes before curing

Curing: 1 LED spotlight (395) at a minimum of 14 W/cm²; V=7–10 m

Afterward, you can apply HD-LED WOOD FINISH

Intermediate sanding with 150/180 grit, followed by a Maroon pad

Apply 1 coat at 5–7 g/m² and spread with a white pad

Curing: 1 cycle with an LED spotlight (395) at a minimum of 14 W/cm²,

V = 7–10 m

ORDERING INFORMATION

Container sizes	2,5 L				
Minimum purchase	-				
Gloss	1850-0007				
Shelf Life / Storage	Can be stored for approximately 6 months in the original, unopened container Store away from frost and at room temperature (max. 30 °C).				
Pot life	3 hours				
Mixing ratio	5% possible with 1800-0010				
Additional products	<table><thead><tr><th>Description</th><th>Item Number</th></tr></thead><tbody><tr><td>HD-LED PERFORMANCE BOOSTER</td><td>1800-0010</td></tr></tbody></table>	Description	Item Number	HD-LED PERFORMANCE BOOSTER	1800-0010
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HD-LED PERFORMANCE BOOSTER	1800-0010				
Cleaning of tools	<table><tbody><tr><td>HD-LED PERFORMANCE CLEANER</td><td>1899-0007</td></tr></tbody></table>	HD-LED PERFORMANCE CLEANER	1899-0007		
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MORE INFORMATION

Note	As with all reactive coatings, it is recommended to work in a particularly clean manner. Wear safety goggles, gloves, etc. Avoid spreading the material while it is still liquid (e.g., on shoes, clothing, etc.). Cure with a lamp if necessary. Stir well before use. The product must be protected from direct sunlight during storage and application! Always perform a test coat first! Containers must always be tightly sealed after use.
Safety Information	For more detailed information on safety during transport, storage, and handling, as well as disposal, please refer to the corresponding safety data sheet.