

ADLER Hartgrund

50858

Solvent-based **one-component primer** for industrial and professional use

PRODUCT DESCRIPTION

General

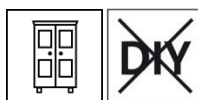
Solvent-based, purely physically drying one-component primer on shellac basis. Good filling power, very good drying and grindability.

Special properties and standards



- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

Application area



- For lightly stressed/subordinate and normally stressed parts of the living area such as bedrooms and living rooms in furniture and interior finishing. Application areas III – IV in accordance with ÖNORM A 1610-12.
- Application in combination with a suitable topcoat system.

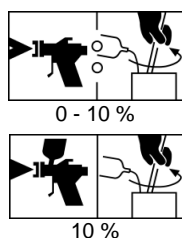
PROCESSING

Instructions for use



- Please stir the product before use.

Application technique



Application method	Airless	Airless air-supported (Airmix, Air-coat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 - 0.28	0.23 - 0.28	1.8
Spraying pressure (bar)	90 - 120	100 - 120	3 - 4
Atomized air (bar)	-	1 - 2	-
Thinner	ADLER DD-Verdünnung 80019		
Thinner amount added in %	0 - 10	0 - 10	10
Viscosity (sec.): 4-mm-cup, 20°C	20	20	18
Application quantity per application (g/m²)	approx. 60 - 90		

The shape, the properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)



Grindable (slight smooth sanding)	after approx. 1 hour
Recoatable (oils)	after approx. 1 hour
Manipulable and stackable	drying overnight

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Cleaning the working equipment



With ADLER DD-Verdünnung 80019 or ADLER Waschverdünnung 80077.

SUBSTRATE

Type of substrate

Hard and softwood (solid wood, veneered-, wood shaving (coated) - or wood fibre materials).

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

Preparation of the substrate

Hardwoods: wood sanding with grit size 150 - 180

Softwoods: wood sanding grit size 100 - 150

Thoroughly remove sanding dust, especially from the wood pores.

COATING SYSTEM

Primer

1 - 2 x ADLER Hartgrund 50858

Intermediate sanding



Sand primed surface with grit size 320. Avoid sanding straight through! Remove wood dust.

Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion.

Topcoat

1 x ADLER Legno-Öl 50880 sgg.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

20 l

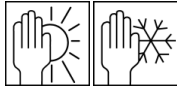
Supplementary products

ADLER DD-Verdünnung 80019

ADLER Waschverdünnung 80077

ADLER Legno-Öl 50880 sgg.

FURTHER DETAILS

Durability / storage

At least 1 year in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Technical specifications

Delivery viscosity 20 ± 2 s in accordance with DIN 53211 (4-mm-cup, 20 °C)

Safety-related information

Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2).
