

ADLER UV-Walzgrund

28128

UV-Walzgrund for industrial coating for **furniture manufacturing and interior finishing**

PRODUCT DESCRIPTION

General

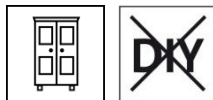
Highly reactive UV-Walzgrund (UV roller primer); excellent filling power, good grindability, outstanding permanent flexibility and good insulation effect for MDF panels.

Special Properties and standards



- **ÖNORM A 3800-1** (Fire behaviour) in conjunction with a flame-retardant substrate:
highly non-combustible or flame-retardant (formerly B 1 in accordance with B 3800 -1), Q1, Tr 1
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

Application area



- UV-curing roller primer for large-scale industrial coating of furniture parts and in interior finishing.
- It is also used as primer coat for water-based UV-curing pigment paints.
- For highly non-inflammable or flame-retardant structures.

PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Keep the product away from the incidence of light and sunlight!
- It is beneficial to apply the prime coat using 2 - 3 roller coating steps for optimal surface quality: Temporary gelling is recommended when making multiple roller applications.
- Please follow our "**Working guidelines for UV roller coatings**".

Application technique

Max. 5 %

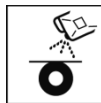
Application method	Roller application
Roller type	Roller coater with reversible dosing roller, possibly with a grooved roller
Dilution (thinning)	ADLER UV-AC-Walzlackverdünnung 80075
Thinner amount added in %	Undiluted up to max. 5 %
Viscosity (sec.) 6 mm cup, 20°C	50 ± 10 sec.
Application quantity (gm/m ²)	approx. 20 - 30 gm/m ² per application; Total quantity of primer coating applied: max. 90 gm/m ²

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

Drying conditions

Immediate **UV hardening** without prior flash-off

	Feed	
	Temporarily jellify	Harden
Hg spotlight 80 W/cm	10 - 14 m/min.	5 - 7 m/min.
Hg spotlight 120 W/cm	12 - 16 m/min.	7 - 10 m/min.

Cleaning the working equipment

Clean with ADLER Waschverdünnung 80072.

SUBSTRATE**Type of substrate**

Hardwood and softwood (solid wood, veneered, (laminated) plywood and wood fibre materials)

Substrate property (or condition)

The substrate must be dry, clean and capable of holding the paint and it must be free from wood dust.

Preparation of the substrate

Calibrated sanding

Hardwoods: wood sanding using grain size 150 – 180

Softwoods: wood sanding using grain size 120 – 150

MDF panels: Sanding for cleaning with grain size 180 - 220

Use dust filter P3 while sanding or grinding.

COATING SYSTEM**Primer coat**

50 - 60 gm/m², ADLER UV-Walzgrund 28128 depending on the filling power desired

Example:

1 x 25 - 30 gm/m²

Temporary gelling with 1 Hg spotlight 80 W/cm, feed 10 m/min.

1 x 25 gm/m²

Curing with 2 Hg spotlights 80 W/cm, feed 10 m/min.

Intermediate sanding

Grain size 320 - 400

Sand immediately before applying the topcoat.
Avoid through sanding at all costs!

Use dust filter P2 while sanding or grinding.

Topcoat

ADLER UV-AC-Walzdecklack 28371 ff in the desired degree of gloss

or

1 x approx. 120 gm/m³ ADLER Pigmolux DC in the desired colour shade 29301 ff

Please observe and follow the data sheets of the respective products.

PRESERVATION

For cleaning, use ADLER Clean Möbelreiniger (furniture cleaner) 96490 and preserve using ADLER Clean Möbelpflege (furniture preservative) 96491.

Please observe and follow the data sheets of the respective products.

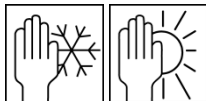
ORDERING INFORMATION**Size of trading unit**

25 kg

By-products

ADLER UV-AC-Walzlackverdünnung 80075

ADLER Waschverdünnung (Washing thinner) 80072

FURTHER DETAILS**Durability / Storage**

At least 6 months in the original sealed containers.

Store it such that it is protected against moisture, direct sunlight, frost and high temperatures.

Technical specifications

Delivery
viscosity

50 ± 10 sec. in accordance with DIN 53211
(6 mm cup, 20°C)

Safety-relevant information

Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at www.adler-lacke.com.