

## ADLER UV-AC-Walzgrund

28302



80072

### Description

Highly reactive UV Walzgrund (roller primer coat) based on unsaturated acrylate resins for open-cell furniture surfaces to be painted. Good grain accentuation, good filling power and easy to grind.

You can achieve the following requirement classes using suitable topcoats:

Resistance to chemical reactions		
ÖNORM A 1605-15	Requirement class	1-B1
Response to abrasion		
ÖNORM A 1605-12 - Test 2	Requirement class	2-D ( $\geq 50$ U)
Response to scratches		
ÖNORM A 1605-12 - Test 4	Requirement class	4-D ( $\geq 1,0$ N)
Resistance to flame treatment		
ÖNORM A 1605-12 - Test 5	Requirement class	5-B (Flame-retardant furniture surface)
ÖNORM A 3800-1 (formerly B 3800-1) (in combination with a highly non-combustible substrate)	Flammability class	Flame-retardant (formerly B 1)
	Smoke production class	Q 1 (smouldering)
	Drop formation class	Tr 1 (non-drip)

### Areas of application

For industrial painting in series production of all furniture surfaces exposed to high levels of stress, which are particularly suitable for roller application owing to their plane work-piece shape.

### Processing

ADLER UV-AC-Walzgrund 28302 is suitable for use as a primer coat both under topcoats that can be cured by UV and under solvent-based paints and lacquers such as, for example, ADLER PUR-Lacken.

Application device	Roller painting machine
Processing viscosity	At the time of delivery 130 $\pm$ 10 sec. in accordance with DIN 53211 (4 mm tumbler, 20 °C)
Dilution (thinning)	ADLER UV-AC-Walzlackverdünnung 80075, if necessary
Quantity to be applied	20 - 40 gm/m <sup>2</sup> , depending on the filling power desired
Application method	It is beneficial to apply the prime coat using 2 - 3 roller painting machines for optimal surface quality:

11-09 (supersedes 08-05)

b.w.

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	a) "Wet-on-wet" method b) 2 - 3 times roller application with intermediate gelatinisation
<b>Drying conditions</b>	Immediate UV hardening without prior flash-off Feed 5 - 7 m/min./UV high-power radiation-curing system 80 - 100 W/cm <sup>2</sup>
<b>Intermediate sanding</b>	Grain size 320 + grinding fleece roller (especially, if the topcoat to be applied is ADLER UV-AC-Walzdecklacken.
<b>Topcoat</b>	1 x 4 gm/m <sup>2</sup> or better 2 x 4 gm/m <sup>2</sup> ADLER UV-AC-Walzdecklack to the desired degree of gloss or 80 - 120 gm/m <sup>2</sup> of any ADLER PUR paint / lacquer

Please take note of and follow our **"Working guidelines for UV roller paints / lacquers"** as well as our **safety data sheet**.

## Other Instructions

<b>Dilution (thinning)</b>	ADLER UV-AC-Walzlackverdünnung 80075
<b>Thinning (dilution) to clean the roller painting machines</b>	ADLER Waschverdünnung 80072
<b>Storage stability</b> (Room temperature 20 °C)	4 months - keep away from direct sunlight

## Container sizes

25 Kg