

ADLER PE-Primer SF Clear

2550000200

Colourless, styrene-free polyester filler with 100% solids. 3K-system

For furniture and interior finishing for industrial and professional use

1 of furniture and interior finishing for industrial and professional use				
	PRODUCT DESCRIPTION			
General	 Solvent-based, colourless 3K polyester filler based on unsaturated polyester resins. Quick drying, high filling power and excellent grindability. The product is characterised by its good firmness on vertical surfaces. It is also suitable for profiled work- pieces and battens due to its good firmness. High layer thicknesses are possible. Directly applicable to MDF. 			
Application area	 Full-bodied primer for high gloss coating systems for furniture and interior finishing, musical instruments, coffins. 			
	 Application in combination with a suitable topcoat system. 			
	Please observe the relative technical data sheets of the products.			
	PROCESSING			
Instructions for use	Please stir the product before use.			
£ 1 1 1 1 1 1 1 1 1 1	 The temperature of the product and object, and the room temperature must be at least +15 °C. 			





- Considerably increased temperature and/or low atmospheric humidity will accelerate the drying, whereby flow and degasification can be negatively influenced.
- Polyester lacquers heat up very strongly during curing. Nitro coatings that are stuck in the machine might ignite. Therefore, a precise cleaning of the cabin and the application equipment must be ensured. Such products cannot be processed together.
- Please stir the lacquer-hardener mixture well before coating!
- Various types of wood such as Oak, Larch, Iroko, Rosewood or Teak contain ingredients that prevent the polyester from hardening chemically. To prevent discolouration or marks when painting wood rich in active substances we therefore recommend priming them first with ADLER DD-Isoliergrund 25103.
- As regards wood stains that can be used under ADLER PE-Primer SF Clear, please contact your technical adviser.
- Please observe the relative technical data sheets of the products.

11-19 (supersedes 05-19) ZKL 2550

ADLER-Werk Lackfabrik, A-6130 Schwaz

Phone: 0043/5242/6922-190, Fax: 0043/5242/6922-309, email: technical-support@adler-lacke.com

Blending ratio



The components are always to be mixed in the following order:

Step 1:

100 parts by weight ADLER PE Primer SF Clear 2550000200 2 parts by weight ADLER PE-Accelerator 8246000210 15-20 parts by weight ADLER Aceton 95130

Stir ADLER PE-Accelerator 8246000210 and ADLER Aceton 95130 carefully into ADLER PE-Primer SF Clear 2550000200.

Step 2:

2 parts by weight Teile ADLER PE-Hardener 8247000210

Stir ADLER PE-Hardener 8247000210 carefully into ADLER PE-Primer SF Clear 2550000200.

Only use ADLER PE-Primer SF Clear with hardener and accelerator in the specified mixing ratio. Deviations lead to film problems.

Pot Life



40 - 50 min

Increased temperatures reduce the pot life.

Application technique





Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0,28-0,33	0,28-0,33	1.61.8
Spraying pressure (bar)	100-120	80-100	2-3
Atomized air (bar)		0,5-2	
Dilution (thinning)	15 – 20 % ADLER Aceton 95130		
Thinner amount added in %	15	15	20
Viscosity (sec.): 4-mm-cup, 20°C	20-25	20-25	18-22
Application quantity (g/m²)	150-350 total quantity applied: up to max. 450		

The product is ready to use. 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)



Manipulable and stackable	Overnight
Sandable and recoatable	after approx. 6-8 hrs

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

Following the first filler application, after approx. 6-8 h, a slight sanding with grit size 280-320 has to be carried out.

After the second filler application, a drying time of at least 6-8 h (room temperature) must be observed before intermediate sanding in order to ensure a good firmness of the subsequent topcoat.

Cleaning the working equipment



With ADLER Waschverdünnung 80077.

	SUBSTRATE	
Type of substrate	Fine pored and coarsely porous hardwoods, softwoods, veneers.	
Substrate property (or condition)	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	Wood sanding Hardwood: grit size 150 - 180 Softwood: grit size 120 - 150	
	It is advantageous to soak the sanded wood and after drying smooth sanding with grit size 180-220; this step is absolutely necessary for solid oak.	
	COATING SYSTEM	
Primer	Variant 1 / single order: 300 – 350 g/m² ADLER PE-Primer SF Clear 2550000200	
	Variant 2 / 2 layers wet in wet without intermediate sanding: 1 x 200 g/m² ADLER PE-Primer SF Clear 2550000200 0,5 – 2 h drying time 1 x 200 g/m² ADLER PE-Primer SF Clear 2550000200 No intermediate sanding.	
	Variant 3 / 2 layers with intermediate sanding: 1 x 150 g/m² ADLER PE-Primer SF Clear 2550000200 6-8 h drying time Intermediate sanding grit size 280-360 1 x 200 - 250 g/m² ADLER PE-Primer SF Clear 2550000200	
Intermediate sanding	For high-gloss coating systems Grit size 360 - 500	

Topcoat	Suitable for both water-based and solvent-based ADLER furniture coatings. Therefore please contact your sales representative.				
	Please observe the	e relative technical data sheets of the products.			
	ORDERING INFORMATION				
Size of trading unit	25 kg				
Colour shades / degrees of gloss	Clear	2598900004			
Supplementary products	ADLER PE-Accelerator 8246000210 ADLER Aceton 95130 ADLER PE-Verdünnung 96133 ADLER PE-Hardener 8247000210 ADLER Waschverdünnung 80077 ADLER PUR-Primer 25291				
	FURHTER DETAILS				
Durability / storage	At least 6 months in the original sealed containers. Make sure the product is protected against moisture, direct sunlight, frost and high temperatures.				
Safety-related information	and handling as w	n on the subject of safety during transport, storage ell as disposal can be found in the relevant safety current version can be accessed on the Internet at com.			
	Keep container tigl	ntly closed. Open and handle containers with care.			
	Avoid contact with eyes and skin. Ensure good ventilation/exhaustion at the workplace. Do not inhale gases/vapours/aerosols.				
	components accel	ile compounds and particularly reactive. The two erator and hardener are never to be stored in the the immediate vicinity. The mixture of the two e explosive.			
		sed material into the storage containers - risk of ock quantities at the workplace must be limited to			
		es (lumps, paper, etc.) that have come into contact r component have a tendency to spontaneous			
	The product is only	y suitable for industrial use.			
		g paint aerosols must be avoided. This is ensured a breathing mask (combination filter A2/P2).			