

ADLER PE-Primer SF White

2485050000

White pigmented styrene-free polyester filler. 3K-system

For furniture and interior finishing for industrial and professional use

PRODUCT DESCRIPTION

General

- Solvent-based, opaque 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 areas



- Full-bodied primer for opaque pigmented coating systems for furniture and interior finishing.
- 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.
- 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.
- Please observe the relative technical data sheets of the products.

Blending ratio

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

Step 1:

100 parts by weight ADLER PE-Primer SF White 2485050000
 2 parts by weight ADLER PE-Accelerator 8246000210
 10-15 parts by weight ADLER Aceton 95130

Stir ADLER PE-Accelerator 8246000210 and ADLER Aceton 95130 carefully into ADLER PE Primer SF White 2485050000.

Step 2:

2 parts by weight ADLER PE-Hardener 8247000210

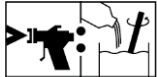
Stir ADLER PE-Hardener 8247000210 carefully into ADLER PE-Primer SF White 2485050000.

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

Pot Life

2 hours

Increased temperatures reduce the pot life.

Application technique

10% 95130



15% 95130

Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0,28-0,33	0,28-0,33	1,6-1,8
Spraying pressure (bar)	100-120	80-100	2-3
Atomized air (bar)		0,5-2	
Dilution (thinning)	10 - 15 % ADLER Aceton 95130		
Thinner amount added in %	10	10	15
Viscosity (s) 4-mm-cup, 20°C	20-25	20-25	18-22
Application quantity (g/m ²)	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. 3 hours

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.

After the first filler application, a slight sanding with grit size 280-320 is carried out after approx. 3-5 hours.

After the second filler application, a drying time of at least 12 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**

MDF panels:

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

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 White 2485050000

Variant 2 / 2 layers wet in wet without intermediate sanding:

1 x 200 g/m² ADLER PE-Primer SF White 2485050000

0,5 – 2 h drying time

1 x 200 g/m² ADLER PE-Primer SF White 2485050000

No intermediate sanding.

Variant 3 / 2 layers with intermediate sanding:

1 x 150 g/m² ADLER PE-Primer SF White 2485050000

3 – 5 h drying time

Intermediate sanding grit size 280-360

1 x 200 - 250 g/m² ADLER PE-Primer SF White 2485050000

Intermediate sanding**For matt coating systems**

Grit size 280 - 360

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 relative technical data sheets of the products.
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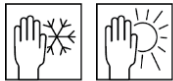
ORDERING INFORMATION

Size of trading unit	25 kg
Colour shades / degrees of gloss	White 2485050000

Supplementary products	ADLER PE-Accelerator 8246000210 ADLER Aceton 95130 ADLER PE-Verdünnung 96133 ADLER PE-Hardener 8247000210 ADLER Waschverdünnung 80077 ADLER DD-Isoliergrund 25103
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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



Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

Keep container tightly 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.

Peroxides are labile compounds and particularly reactive. The two components accelerator and hardener are never to be stored in the same place or in the immediate vicinity. The mixture of the two components can be explosive.

Do not return unused material into the storage containers - risk of decomposition! Stock quantities at the workplace must be limited to small amounts.

Organic substances (lumps, paper, etc.) that have come into contact with the hardener component have a tendency to spontaneous combustion.

The product is only suitable for industrial use.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a breathing mask (combination filter A2/P2).
