

## Aduro Superfill

2318

Solvent-based, opaque 2-component polyurethane insulating filler for **furniture and interior finishing** for industrial and professional use

### PRODUCT DESCRIPTION

#### Product numbers

2318050000

#### General

Solvent-based, opaque 2-component polyurethane insulating filler with fast drying, high filling power and very good sandability. The product is characterised by its good firmness on vertical surfaces and excellent permanent elasticity. Can be used directly on high-quality MDF.

#### Special properties and standards



- **ÖNORM A 1605-12 (furniture surfaces)**  
Test 5: Resistance to flame: 5-B



- **ÖNORM A 3800-1 (fire behaviour)**  
In conjunction with a flame-retardant substrate:  
flame-retardant, Q1, Tr 1



- **French ordinance DEVL1104875A**  
Marking of construction coating products for their emission of volatile pollutants: A+

#### Application area



Primer for opaque pigmented coating systems for furniture and interior finishing.

For upright surfaces and for profiled workpieces and battens.

For hardly inflammable or flame-retardant coating systems.

Application in combination with a suitable topcoat system.

The area of application depends on the processing of the product and the topcoat system selected.

### PROCESSING

#### Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.
- Please follow our **ARL 131 - Working guidelines for PUR furniture paints**.

**Blending ratio**

4 Part(s) by weight Aduro Superfill (2318)  
1 Part(s) by weight PUR-Hardener 8403 (8403000210)

or

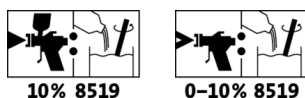
3 part(s) by volume: Aduro Superfill (2318)  
1 part(s) by volume: PUR-Hardener 8403 (8403000210)

Aduro Superfill (2318) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

**Pot life**

3 hour(s)

Increased temperatures reduce the pot life. A further extension of the pot life is not possible.

**Application technique**

	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)		0,28 - 0,33	1,8 - 2,0
Spraying pressure (bar)	100 - 120	80 - 100	2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	DD-Verdünner 8519 (8519)		
Diluent amount added (%)		0 - 10	10
Viscosity 4-mm-cup (s)		25	20
Applied quantity per application (g/m <sup>2</sup> )		130 - 180	
Total quantity applied (g/m <sup>2</sup> )		max. 750	

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

**Drying times**

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	3 hour(s)
Manipulable and stackable	12 hour(s)

The figures given above are reference values. Drying depends on the substrate, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

**Cleaning the working equipment**

With DD-Verdünner 8519 (8519) or Waschverdünner (8501) immediately after use.

**SUBSTRATE****Type of substrate**

Solid wood, chipboard or wood fibre materials suitable for opaque varnishing, veneered or coated with priming film.

<b>Substrate property</b>	<p>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.</p> <p>On MDF boards of good quality and a high bulk density (e.g. with 19 mm boards greater than 700 kg/m<sup>3</sup>), Aduro Superfill (2318) can be used directly without pre-insulation. Panels of lower qualities must be pre-insulated before the first filler layer, e.g. with Aduro Legnopur (2513)</p> <p>For sanitary applications, we generally recommend the use of moisture-resistant MDF panels of type P3, P5 or P7 according to ÖNORM EN 312 (formerly V100 according to DIN 68763). It is not recommended for use on horizontal surfaces that are frequently exposed to water, such as washstands.</p>
<b>Substrate preparation</b>	<p><b>Carrier plates coated with priming film:</b> Film sanding Grit size 240</p> <p><b>MDF panels:</b> Cleaning/smoothing sanding grit size 180 - 220</p> <p><b>Wood sanding:</b> Hardwoods: Grit size 150 - 180 Softwoods: Grit size 120 - 150</p> <p>Wood rich in resins should be deresinated, sanded and pre-insulated with Aduro Isoliergrund (2502).</p> <p>Please observe our <b>ARL 021 - Working guideline for deresination.</b></p>
<b>COATING SYSTEM</b>	
<b>Primer coat</b>	2 – 3 x Aduro Superfill (2318)
<b>Intermediate sanding</b>	<p>Slight intermediate sanding using grit size 280 after the first filler application.</p> <p>Further intermediate sandings: Grit size 280 – 320</p> <p>After the last filler application of the overall structure, a drying time of at least 12 hours (room temperature) must be ensured before intermediate sanding in order to guarantee good adhesion of the subsequent coating.</p> <p>Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion!</p>
<b>Topcoat</b>	1 x Pigmpur G50 (2406) in the desired colour
<b>ORDERING INFORMATION</b>	
<b>Size of trading unit</b>	24 kg
<b>Colour shades / Glosslevels</b>	<b>Standard colour(s):</b> Weiß (2318050000)
<b>Supplementary products</b>	<p>Aduro Isoliergrund (2502) Aduro Legnopur (2513) DD-Verdünner 8519 (8519) Pigmpur G50 (2406) PUR-Hardener 8403 (8403) Waschverdünner 8501 (8501)</p> <p>Please refer to the corresponding technical data sheets of the products.</p>

## FURTHER DETAILS

### Durability / storage



Min. 1 year(s) 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: 40 – 50 seconds according to DIN 53211  
(6 mm measuring cup, 20 °C)

### Safety information



The product is only suitable for the industrial and professional use.

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

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](http://www.adler-lacke.com).