Aduro Superfill 2318000200

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

PRODUCT DESCRIPTION

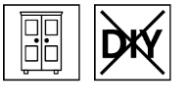
General

Solvent-based opaque two-component polyurethane insulating filler with quick drying, high filling power and excellent grindability. The product is characterised by its good firmness on vertical surfaces and excellent permanent elasticity. It can be applied directly on high-class MDF.

Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces)
  Flame treatment: 5-B (hardly inflammable furniture surface)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate and topcoat:
  flame-retardant (formerly B 1 acc. to 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



- Full-bodied primer for opaque pigmented coating systems for furniture and interior finishing
- It is also suitable for profiled work-pieces and battens due to its good firmness.
- For hardly inflammable or flame-retardant coating systems.

PROCESSING

Instructions for use

- Please stir the product before use.
- Please observe our "**Working guidelines for PUR furniture paints**".

Blending ratio

8244 000210

8244 000210

4 parts by weight Aduro Superfill 2318000200
1 part by weight of ADLER PUR-Härter 8244000210

or

3 parts by volume Aduro Superfill 2318000200
1 part by volume of ADLER PUR-Härter 8244000210

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

02-20 (supersedes 12-19) ZKL 2318

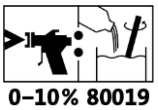
ADLER-Werk Lackfabrik, A-6130 Schwaz
Phone: 0043/5242/6922-301, Fax: 0043/5242/6922-309, email: technical-support@adler-lacke.com

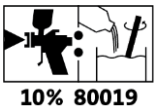
Pot life

3 hours

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	1.8 – 2.0
Spraying pressure (bar)	100 – 120	80 - 100	2 - 3
Atomized air (bar)	-	1 – 2	-
Thinner	ADLER DD-Verdünnung 80019		
Thinner amount added in %	0 - 10	0 - 10	approx. 10
Viscosity (s) 4-mm-cup, 20°C	approx. 25	approx. 25	approx. 20
Application quantity per application (g/m²)	approx. 130 – 180 Total application amount max 750		

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

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

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

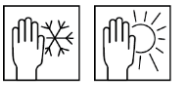
Cleaning the working equipment

With ADLER DD-Verdünnung 80019 or ADLER Waschverdünnung 80077.

	SUBSTRATE
Type of substrate	Solid wood, chipboard or wood fibre materials suitable for opaque varnishing, veneered or coated with priming film; MDF boards.
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. ADURO Superfill 2318000200 can be used directly on MDF boards of good quality and with a high moulded density (e.g. on 19-mm boards greater than 700 kg/m³) without pre-insulation. Boards of lower qualities must be pre-insulated before the first layer of filler (e.g. with ADLER Legnopur 26211 ff). For applications in the sanitary area we recommend using moisture-resistant MDF boards of type V100 as a matter of principle. It is advised not to be used for horizontal surfaces that are often exposed to water, e.g. washstands.
Preparation of the substrate	Carrier plates coated with priming film: film sanding with grit size 240 MDF panels: cleaning / smooth sanding with grit size 180 - 220 Hardwoods: wood sanding with grit size 150 - 180 Softwoods: wood sanding with grit size 120 - 150 Wood rich in resins should be de-resined, sanded and pre-insulated with ADLER DD-Isoliergrund 25103. Please observe our "**Working guidelines for deresinating**". Please observe the relative technical data sheets of the products.
	COATING SYSTEM
Primer coat	2 - 3 x Aduro Superfill 2318000200
Intermediate sanding 	Slight intermediate sanding using grit size 280 after the first filler application. Further intermediate sandings: Grit size 280 - 320 Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion.
Topcoat	1 x ADLER Pigmopur 24005 ff in the desired colour shade:
	ORDERING INFORMATION
Size of trading unit	24 kg
Colour shades / degrees of gloss	Weiß 2318 200
Supplementary products	ADLER PUR-Härter 8244000210 ADLER DD-Verdünnung 80019 ADLER Waschverdünnung 80077 ADLER DD-Isoliergrund 25103 ADLER Pigmopur 24005 ff

FURHTER DETAILS

Durability / storage



At least 1 year in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight and high temperatures (above 30 °C).

Technical specifications

Mixing viscosity	approx. 25 s in accordance with DIN 53211 (4-mm-cup, 20 °C)

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.**

The product is only suitable for industrial and professional use.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a breathing mask (combination filter A2/P2 – ÖNORM EN 14387 /EN 143).