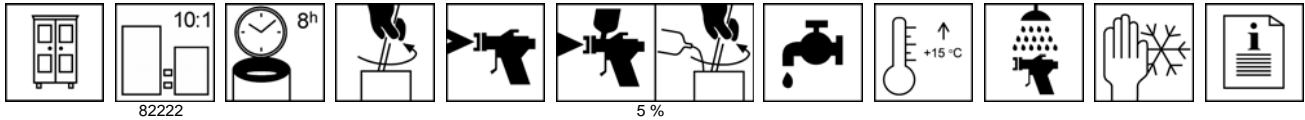


ADLER Aqua-Isfüller (Isolating Filler) white

31009



Description

Water-thinnable, rapidly curing two-component sealing filler based on polyacrylate dispersions with excellent high build and very good sanding properties. Very good sealing properties with water-soluble, staining wood extractives; Usable directly on medium-density fibreboards (please read information on MDFs below!).

Fields of application

- High-build two-component pigmented lacquer primer for furniture and interior fixture surfaces.
- For sealing all opaquely pigmented coatings, also in the white colour range and in pastel colours, if species of wood with water-soluble, staining extractives such as ash are to be coated with water-thinnable pigmented lacquers.
- Suitable grounds: Cross veneer carrier boards (for example beech and maple), MDFs or carrier boards coated with priming film, shrink-resistant solid wood.
- Ideal for profiled workpieces and strips on vertical surfaces due to good staying power.

Application

ADLER Aqua-Isfüller white is primarily intended as primer for water-thinnable pigmented lacquers such as ADLER Pigmocryl CFB.

Delivery viscosity	30 ± 5 s according to DIN 53211 (6 mm flow cup, 20 °C)
Mixing ratio	100 parts by weight ADLER Aqua-Isfüller white 31009 10 parts by weight ADLER Aqua-PUR-Härter (hardener) 82222 or 7 parts by volume ADLER Aqua-Isfüller white 31009 1 part by volume ADLER Aqua-PUR-Härter (hardener) 82222 ADLER Aqua-PUR-Härter (hardener) must be thoroughly mixed in the paint component prior to application. This should be done mechanically using a cage-type mixing paddle!
Mixture viscosity	60 ± 5 s according to DIN 53211 (6 mm flow cup, 20 °C)

Application viscosity	Airless/Airmix spray guns (0.28-0.33 mm nozzle, 100-120 bar/1-2 bar) – undiluted Compressed air spray guns (1.8-2.2 mm nozzle, 3-4 bar) undiluted up to + 5 % water approx. 40 s according to DIN 53211 (6 mm flow cup, 20 °C) Further thinning with water reduces sealing properties.
Pot life	1 working day; The paint/hardener mixture has not gelled after such period of time. Application, however, is no longer possible once the pot life has been exceeded.
Surface preparation for MDFs	Sanding for cleaning/smoothing with grain 240 to 280
Surface preparation for chipboards or MDFs coated with primer film	Film sanding with grain 180 - 220
Application rate	150-200 g/m ² per coat; a lower application rate will reduce the sealing effect. Total application rate: max. 500 g/m ² . At least 2 coats of ADLER Aqua-Isosfüller are required for closed pore coatings.
Drying time	An application of approx. 150 g/m ² can be sanded and recoated after approx. 3 hours drying at room temperature. Observing an overnight drying period improves the sealing effect and sanding properties. High humidity and low temperatures may result in a significantly longer drying time.
Minimum working temperature	A minimum coating, object and room temperature of + 15°C is required.
Intermediate grinding	Grain of 280 - 320 Intermediate grinding shortly before applying the topcoat of lacquer is recommended. Grinding to the core will result in a loss of the sealing effect.
Topcoat	ADLER Pigmocryl CFB in the desired colour.

Depending on the species of wood but also on the growing region, the content of the coloured water-soluble wood extractives may vary significantly. It is therefore recommended to always test the coating on a specimen of the original wood to verify the sealing effect.

MDFs:

On high-quality MDFs with high moulded density (e.g. in case of 19 mm boards higher than 700 kg/m³), ADLER Aqua-Isosfüller white 31009 may be applied directly, without pre-sealing. Boards of lower quality must be sealed before the first filler coat (e.g. with ADLER Aquarapid CFB).

For applications on sanitary facilities we recommend using humidity-resistant MDFs, type V100. We discourage application on horizontal surfaces frequently covered by water, e.g. washing stands.

Please observe our **Application guidelines for water-thinnable wood coatings** and our **Material safety data sheets for sealers and hardeners**.

Continued

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Further information

Thinning	Water
Hardener	ADLER Aqua-PUR-Härter (hardener) 82222
Shelf life	9 months – protect against frost

Colours

White	31009
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Packaging

ADLER Aqua-Isfüller (Isolating Filler) white	31009:	5.0 kg	30.0 kg
ADLER Aqua-PUR-Härter (hardener)	82222	1 x 0.5 kg	3 x 1.0 kg