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Technical data sheet

Paint runs through our veins.

Aduro Crackle-Effect Base 2429

Solvent-based, two-component, special effect varnish for creating a leather effect in **furniture and interior finishing, for use in industry and trade**

PRODUCT DESCRIPTION

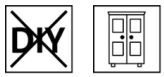
General

Transparent, solvent-based **2C special effect varnish** for creating **surfaces with a leather effect**. The product has been formulated without the addition of aromatic solvents.

Special properties and standards

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

Application area



To create leather effects

For coating heavily used surfaces in furniture and interior design, e.g. storage surfaces in kitchens and living areas, bathrooms, offices and commercial areas, fronts and permanently visible surfaces, used surfaces of seating furniture and surfaces that are not permanently visible (except table tops). Application areas II to IV in accordance with ÖNORM A 1610-12.

Application in combination with a suitable topcoat system.

PROCESSING

Processing instructions

- Please stir the product before use.
- The effect develops during the drying process. It results from differing degrees of tensile stress during drying between the primer and Aduro Crackle-Effect Base (2429).
- The fineness of the effect will depend on the chosen quantity of product applied. A smaller quantity results in a fine effect, whereas a larger quantity will produce a coarser effect.
- To achieve a uniform effect, you need to ensure even application of the product.
- Aduro Crackle-Effect Base (2429) is only recommended for parts with small surfaces, as it is difficult to achieve an even effect on larger surfaces.
- 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.**

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Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

Blending ratio

100 Part(s) by weight Aduro Crackle-Effect Base (2429)
5 Part(s) by weight PUR-Hardener 8419 (8419000210)

Aduro Crackle-Effect Base (2429) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life

With PUR-Hardener 8419 (8419000210): 8 hour(s)

Mixed material can be used one more working day, but must be mixed 1:1 with freshly hardened material. A further extension of the pot life is not possible. Increased temperatures reduce the pot life.

Application technique

	Cup gun
Spraying nozzle Ø (mm)	1,8
Spraying pressure (bar)	2 - 3
Diluent	DD-Verdünner 8519 (8519)
Diluent amount added (%)	10
Viscosity 4-mm-cup (s)	40
Applied quantity per application (g/m²)	80 - 120

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)

Apply a topcoat of Pigmopur G50 (2406), without intermediate sanding	3 - 8 h

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.

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.

Substrate preparation

Wood and wood-based materials: Wood sanding Grit size 150 – 180

COATING SYSTEM

Pre-primer coat

For closed-pore coating surfaces

Carrier plates coated with priming film:

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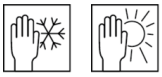
	(sharp sanding of the film with 240 grit) 1 x Aduro Spritzfüller (2410) or PUR-Ecofill (2416) **Solid wood, raw chipboard or chipboard panels veneered with blind veneer:** 2 x Aduro Spritzfüller (2410) Intermediate sanding Grit size 280 – 360 **MDF panels:** 1 x insulated with Aduro Isoliergrund (2502) or Aduro Legnopur (2513) 1 – 2 x Aduro Spritzfüller (2410) Intermediate sanding Grit size 280 – 360 As an alternative, you can use Aduro Ecofill Smart (2317) or PUR-Ecofill (2416), applying it directly onto good-quality MDF boards with a high raw density (over 700 kg/m³ for 19 mm boards).
Primer/intermediate coat	1 x Pigmopur G50 (2406) in the desired colour **Important**! Drying time: at least 1 hour and up to a maximum of 3 hours without sanding, this is crucial to achieving a good effect.
Effect coating	Even application of Aduro Crackle-Effect Base (2429).
Topcoat	1 x Pigmopur G50 (2406) in the desired colour To achieve good mechanical and chemical resistance, you can apply a single coat of colourless spray-on varnish to the effect surfaces after 3 to a maximum of 8 hours, without intermediate sanding, e.g. Aduro Legnopur (2513) in your desired gloss level.

ORDERING INFORMATION

Size of trading unit	1 kg, 4 kg
Colour shades / Glosslevels	Aduro Crackle-Effect Base (2429000210) Aduro Crackle-Effect Base Braun (2429082565)
Supplementary products	Aduro Legnopur (2513) DD-Verdünner 8519 (8519) Pigmopur G50 (2406) PUR-Hardener 8419 (8419) Waschverdünner 8501 (8501) Please refer to the corresponding technical data sheets of the products.

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). Close opened containers well and use up the content as soon as possible.
Technical specifications	Delivery viscosity: 40 second – 50 second according to DIN 53211 (4 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.**

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