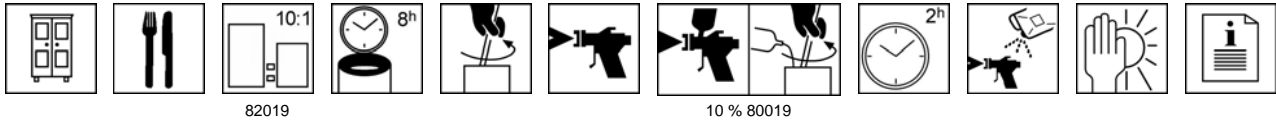


ADLER Ventopur

26291 ff



Description

Quick-dry 2-component polyurethane clear coat with very good mechanical and chemical resistance, good grain accentuation, exceptional yellowing resistance and a nice pore pattern.

Binding agent basis: Polyacrylate resin / cellulose acetate butyrate. ADLER Ventopur is free from aromatic solvents.

ADLER Ventopur features UV filters, protecting the wood and any wood stains used from premature yellowing and/or fading.

Resistance to chemical impacts	
ÖNORM A 1605-12 - test 1	Rating category 1-B1
Abrasion characteristics	
ÖNORM A 1605-12 - test 2	Rating category 2-D (≥ 50 U)
Scratch-resistance related characteristics	
ÖNORM A 1605-12 - test 4	Rating category 4-D (≥ 1.0 N)
Resistance to flame impingement	
ÖNORM A 1605-12 - test 5	Rating category 5-B (highly non-combustible furniture surface)
ÖNORM A 3800-1 (formerly B 3800-1)	Flammability class highly non-combustible (formerly B 1)
(in combination with a non-combustible surface)	Smoke production class Q 1 (slightly smoking)
	Drop formation class Tr 1 (non-drip)
Coating children's toys	
ADLER Ventopur also complies with the new conditions for "Items that children can put in their mouth". (Federal Gazette 355: Softening Agents Ordinance 18/09/06)	
Perspiration and saliva-proof properties	
The requirements of ÖNORM S 1555 concerning perspiration and saliva-proof properties as well as of ÖNORM EN 71-3, "Safety of toys; Migration of certain elements" (absence of heavy metals) are met.	
Food compatible coatings	
In accordance with the confirmation of OFI Technologie & Innovation GmbH, ADLER Ventopur can be used to coat wooden objects that are in temporary contact with foodstuffs.	

Fields of application

- For quick-dry coating of heavily used surfaces of furniture and interior fixtures, for hotel and school furnishings, for kitchen and bathroom furniture: Application groups II to IV in accordance with ÖNORM A 1610-12.
- For highly non-combustible and/or non-flammable systems.
- Suitable for coating of surfaces bleached with hydrogen peroxide.
- Coating of children's toys as well as wooded objects that can be in temporary contact with foodstuffs

12-07 (replaces 04-07)

p.t.o.

ADLER-Werk Lackfabrik, A-6130 Schwaz, 05242/6922-351

Our instructions are based on current knowledge and are intended to advise the buyer/user to the best of our knowledge. However, they must be individually adapted to the application areas and processing conditions. The buyer/user takes responsibility for the suitability and use of the delivered product. It is therefore recommended to produce a sample specimen in order to test the suitability of the product. Otherwise our General Terms of Sale apply. All previous specifications become invalid with this edition. Packaging sizes, colours and available gloss values are subject to change.

Application

ADLER Ventopur is particularly suitable for the “paint on paint” application.

Viscosity at delivery	approx. 28 s according to DIN 53211 (4 mm cup, 20 °C)
Mixing ratio	10 parts by weight ADLER Ventopur 1 part by weight ADLER PUR-Härter (hardener) 82019
Mixing viscosity	approx. 24 s according to DIN 53211 (4 mm cup, 20 °C)
Processing viscosity	Airless/Airmix spray guns (0.23-0.28 mm nozzle, 100-120 bar/1-2 bar) – and Pouring approx. 24 s undiluted Compressed air spray guns (1.8 mm nozzle, 3-4 bar) approx. 18 s - 10 % ADLER DD Verdünnung (thinner) 80019
Pot life	1 working day; mixed material can be used the next day, but must be mixed 1:1 with recently hardened material; extending the pot life any-more than that is not possible.
Application rate	approx. 100-150 g/m ² per coat; Total application rate: max. 450 g/m ²
Drying time	An application (spraying or pouring) of approx. 120 g/m ² can be grinded and recoated after approx. 2 hours drying at room temperature. In order to considerably improve the staying power of the subsequent coat, it is recommended to adhere to an interim drying time of approx. 12 hours.
Intermediate grinding	Grain of 240 - 320; if possible, intermediate grinding should take place immediately before applying the topcoat in order to achieve good intercoat adhesion.

Please adhere to our “**Operating guidelines for PUR paint**” as well as our **Safety Data Sheets for Paint, Hardeners and Thinners**.

Further information

Hardener	ADLER PUR-Härter (hardener) 82019
Thinner	ADLER DD-Verdünnung (thinner) 80019 or ADLER PUR-Verdünnung (thinner) 80029 These thinners are also recommended to clean the tools.
Shelf life (room temperature 20°C)	12 months - protect container from direct sun; Do not store in rooms above 30°C!

Degrees of gloss

G 10	dull mat	26291
G 30	mat	26293
G 50	half-mat	26295
G 70	semi-gloss	26297

Sizes of trading units

20 kg, 180 kg