

ADLER Nova-Solve

26601 ff

Two-component polyurethane clear coat for **furniture and interior finishing**, conformant with **Decopaint**, for industrial and commercial applications

PRODUCT DESCRIPTION

General

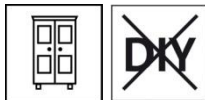
High-quality polyurethane clear coat, conforming to Decopaint. It has excellent mechanical and chemical resistance for highly stressed furniture surfaces and for the entire interior decoration; good filling power, excellent grain accentuation and outstanding resistance against yellowing.

Special Properties Testing Standards

- **ÖNORM A 1605-12** (Furniture surfaces)
Resistance to chemical reactions: 1-B1
Response to abrasion: 2-C (≥ 150 U)
Response to scratches: 4-D (≥ 1.0 N)
Flame treatment: 5-B (highly non-flammable furniture surfaces)
- **DIN 68861** (Furniture surfaces)
Part 1: Response to chemical stress: 1 B
Part 2: Response to abrasion: 2 C (above 150 to 350 U)
Part 4: Response to scratches: 4 D (> 1.0 to ≤ 1.5 N)
- **ÖNORM A 3800-1** (Fire behaviour) in conjunction with a flame-retardant substrate:
highly non-combustible, Q1, Tr 1
- **ÖNORM C 2354**: Stress category C
- **ÖNORM Z 1261** (Walkable surfaces): Class I (> 0.45 μ), when dry
- **DIN 51131** (non-slip property): > 0.60 μ , when dry
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Areas of application



- It is meant for full-bodied coating of furniture and indoor surfaces exposed to high levels of stress, for staircases, for hotel and school establishments, and for kitchen furniture and sanitary ware: Application areas II – IV according to ÖNORM A 1610-12.
- It provides good grain accentuation and can be used as a primer coat for insulating water-soluble, colouring wood ingredients if water-based clear coats are to be used as the topcoat.

04-12 ZKL 2547

b.w.

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Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The purchaser / user decides about the acceptance and use of the delivered product at his / her own risk, which is why we recommend that a sample piece be prepared to check the acceptability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

- The VOC content of ready-to-use ADLER Nova-Solve 26601 ff is less than 500 gm of solvent / litre and complies with the Austrian ordinance on solvents dated 2005 (BGBl. II 398/2005, 06/12/2005) or the German ChemVOCFarbV (BGBl. I S. 3508 / BgBl. I S. 2194) and, thus, the 2004/42/EC Directive (Decopaint Directive). Hence, ADLER Nova-Solve 26601 ff
- may also be used for coating components such as door frames and staircases.
- for highly non-flammable or flame-retardant structures.
- It is suitable for coating surfaces bleached with hydrogen peroxide.

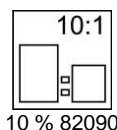
PROCESSING

Instructions for application



- Please stir the product well before use.
- Use only such application devices and containers that are corrosion-resistant!
- For open-porous coatings (e.g. wood type Oakwood), we recommend adding 10 % ADLER Nova-Verdünnung 80090 for application of the topcoat.
- For coating staircases, it is recommended to apply 3 coats with degree of gloss G30 or higher.
- Please follow our "**Working guidelines for PUR paints / lacquers**".

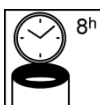
Blending ratio



10 parts by weight of ADLER Nova-Solve 26601 ff
1 part by weight of ADLER Nova-Härter 82090

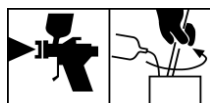
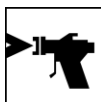
ADLER Nova-Solve 26601 ff may be used only with a hardener and in the blending ratio specified. Any deviations cause the film to be flawed.

Pot Life



8 hours; it is not possible to extend the pot life.

Application technique



Application method	Airless	Airless, air-supported (Air mix, air coat, etc.)	Cup gun
Spray nozzle (ø mm)	0.28 – 0.33	0.28 – 0.33	1.8
Spraying pressure (bar)	100 - 120	80 - 120	3 - 4
Spraying air (bar)		1 - 2	
Dilution (thinning)	ADLER Nova-Verdünnung 80090 – if necessary		

Thinner amount added in %	-	-	-
Viscosity (sec.) 4 mm cup, 20°C	approx. 30	approx. 30	approx. 30
Application quantity (gm/m ²)	approx. 120 - 150 per application; total quantity applied max. 500		

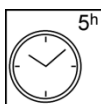
Drying times

(at 23 °C and 50 % rel. humidity)

It can be sanded and recoated	approx. 5 hours
It can be moved and stacked	overnight

In order to improve the firmness of the subsequent coatings substantially, we recommend an intermediate drying time of approx. 16 hours (overnight) at room temperature.

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

**Cleaning the tools & equipment**

ADLER Waschverdünnung 80077

SUBSTRATE**Type of substrate**

Solid wood, wood veneers on suitable carrier plates;
Please follow our ARL wood types for PUR paints/lacquers.

Substrate property

The substrate must be dry, clean, and capable of holding the paint and it must be free of grease and wax and free from wood dust.

Preparation of the substrate

Hardwoods: wood sanding using grain size 150 – 180
Softwoods: wood sanding using grain size 100 – 150

Use dust filter P3 while sanding or grinding.

Remove sanding dust – especially from the wooden pores.

COATING SYSTEM**Primer coat**

1 coat of ADLER Nova-Solve 26601 ff

Intermediate sanding

Sand the surface using sanding paper of grain size 240 - 320.

Avoid through sanding at all costs!

Remove the wood dust.

Intermediate sanding must be done immediately prior to applying the topcoat in order to ensure proper intermediate adhesion.

Use dust filter P2 while sanding or grinding.

Topcoat

1 - 2 coats of ADLER Nova-Solve 26601 ff

PRESERVATION

Cleaning and preservation

Furniture:

Clean using ADLER Clean Möbelreiniger (Furniture cleaner) 96490 and Preservation with ADLER Clean Möbelpflege (Furniture care) 96491.

Staircases:

from time to time, **clean with a cloth soaked with ADLER CLEAN Parkettreiniger (Parquet cleaner)**. In this manner, you can remove persistent dirt as well as heel marks. **Finally, wipe the surface dry.**

We dissuade you from using commercially available parquet preservatives to preserve the steps of the staircase in order to prevent the undesirable risk of slipping or skidding.

Please observe and follow the data sheets of the respective products.

NOTES ON ORDERING

Container sizes

4 kg and 20 kg

Colour shades / Degree of gloss

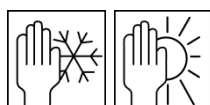
G10 Dull matt	26601
G30 Matt	26603
G50 Semi-matt	26605

Supplementary products

ADLER Nova-Härter (Hardener) 82090
 ADLER Nova-Verdünnung (Thinner) 80090
 ADLER Waschverdünnung (Washing thinner) 80077
 ADLER Clean Möbelreiniger (Furniture cleaner) 96490
 ADLER Clean Möbelpflege (Furniture preservative) 96491

OTHER INSTRUCTIONS

Storage stability / Storage



At least 9 months in the original sealed containers.

Store it such that it is protected against moisture, direct sunlight, frost and high temperatures (over 30°C).

Storage temperature: 10 - 30 °C

Technical Specifications

Delivery viscosity	About 43 sec. in accordance with DIN 53211 (4 mm. cup, 20°C)
Mixing or blending viscosity	About 30 sec. in accordance with DIN 53211 (4 mm. cup, 20°C)

Safety-relevant information



Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at www.adler-lacke.com.

In general, you must avoid inhaling paint aerosols. This is ensured by proper use of a breathing mask (combination filter A2/P2 – EN 141/EN 143).