

Technical data sheet

Soloplast STQ

1611

Fast-drying, transparent **NC combination** varnish for furniture, can be applied with a brush, for use in DIY and trade

PRODUCT DESCRIPTION

General

Fast-drying, solvent-based nitrocellulose clear varnish with chemical crosslinking for varnishing furniture; very good filling performance, distinct pore pattern and good grain accentuation.

Special properties and standards



- **ÖNORM A 1605-12 (furniture surfaces)**
Resistance to chemical reactions: 1-B



- **DIN 53160-1 and DIN 53160-2**
Perspiration and saliva-proof properties



- **ÖNORM EN 71-3**
Confirmed by an external test certificate.
Safety of toys; migration of certain elements (free of heavy metals).



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

Application area



For the coating of furniture and interior finishing exposed to normal levels of stress, such as shelves in the home, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas (except for table tops). Application areas III – IV according to ÖNORM A 1610-12.

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- 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 read and comply with our **ARL 132 – Working guidelines for nitrocellulose coatings.**

Application technique



Rolling or brushing (soft flat brush).

	Brushing	Rolling
Diluent	If required: Nitro-Verdünner 8017	
Applied quantity per application (g/m²)	60 - 100	
Total quantity applied (g/m²)	max. 450	

The product is ready to use.

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)



Sandable and recoatable:	approx. 2 h
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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 Nitro-Verdünnung Aromatenfrei (8017) immediately after use.

SUBSTRATE

Type of substrate

Hard and softwood (solid wood-, veneer-, (coated) chipboard-, wood fibre boards)

Substrate property

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

Substrate preparation

Hardwoods: Wood sanding Grit size 150 – 180

Softwoods: Wood sanding Grit size 100 – 150

Thoroughly remove sanding dust, especially from the wood pores.

COATING SYSTEM

Primer coat

1 x Soloplast STQ (1611)

Intermediate sanding



Sand the primed surface with grit size 240 – 320.

Avoid sanding straight through!

Remove sanding dust.

Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion!

Topcoat

1 x Soloplast STQ (1611)

The finishing coat should always be applied in the direction of the fibre.

As Soloplast STQ (1611) is a chemically crosslinking system, there should not be a gap of more than 48 hours between priming and application of the topcoat (risk of lifting).

CLEANING AND MAINTENANCE

Cleaning and Maintenance

Cleaning with Clean-Möbelreiniger (7202) and care with Clean-Möbelpflege Plus (7222).

ORDERING INFORMATION

Size of trading unit

750 ml, 5 l

Gloss levels

Soloplast STQ G30 Matt (16723)
Soloplast STQ G50# Halbmatt (16725)
Soloplast STQ G70 Seidenmatt (16727)
Soloplast STQ G100# Glänzend (16730)

Supplementary products

Clean-Möbelpflege Plus (7222)
Clean-Möbelreiniger (7202)
Nitro-Verdünner 8017 (8017)

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage



Min. 1.5 year(s) in the original sealed containers.

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

Technical specifications

Delivery viscosity: 22 second – 24 second according to DIN 53211
(4 mm measuring cup, 20 °C)

Safety information



According to section 101 of the German Regulations on Combustible Liquids (VbF), the nominal content of individual containers of flammable liquids of hazard class 1 kept in sales areas where customers have free access may not exceed 1 litre. For this reason, the 5 l container must be stored in an approved VbF storage room (not in the sales area).

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.