



Read the technical data sheet

PRODUCT DESCRIPTION

813.77 is a two component polyurethane based clear basecoat.

FEATURES

- Very high filling power
- Transparent
- Excellent sandability
- Easy application



Stir

RECOMMENDED USES

It can be applied on all kind of wooden surfaces in furniture industry.

PRODUCT SPECIFICATIONS

Product Type : Polyurethane

Viscosity

1.component (20°C, DIN4) : 100 - 120 "
1.component (20°C, DIN4) : 20 - 25 "

Specific Gravity (kg/l)

1.component : 0,980 ± 0,03
2.component : 0,930 ± 0,03

Solid Content (% by weight)

1.component : 46 ± 2
2.component : 25 ± 2

Coverage* (m²/l) : 8 - 9,5

**30-35µ dry film thickness*

Recommended Application : 80 - 130 (for one coat)

Weight (g/m²)

It depends on application method, seasonal conditions and surface properties.

Drying Time (20°C, 45-65 % RH, 150 g/m², single coat)

Dust free : 10 - 15 min
Touch dry : 35 - 45 min
Sandability : 90 - 100 min

COLOR & GLOSS OPTIONS

Color	Color Code
Transparent	0000

SURFACE PREPARATION

Before the application surface sand with 180-220 grid sandpaper and surface must be clean and dust free; remove all dirt (dust, wax etc.). If the surface is desired to be colored, 885 Flexcolor Wood Stain or 800 Synthetic Wood Colourant can be used as recommended in technical data sheet.

MIXING RATIO

Description	Code	by weight (%)	by volume (%)
PU Sanding Sealer Varnish	813.77	100	100
PU Hardener	827.00	50	50
PU Thinner	TP800	20 - 30	25 - 35

Before usage, stir well and check homogeneity.

** When the specified mixing ratios are obeyed, the application viscosity is 13-16" (DIN4, 20 °C).*

Pot Life, h (20 °C) : 2,5

APPLICATION

Wait minimum 1 maximum 3 hours between coats. For the topcoat wait at least 16 hours. If application needs, for the light colorant 891.00 can be preferred.

Application Equipment

Spray Gun
Airmix Spray

** Ask technical support for curtain coater application.*

STORAGE & HANDLING

Store in a cool, dry place and away from heat.

Close all containers after use.

Shelf life is 2 years if stored under specified conditions.



HEALTH & SAFETY

For detailed Health and Safety information, please refer to Safety Data Sheet

Gloves and suitable protective equipment must be worn while using these products.

Good ventilation must be provided in the working environment.

It is flammable. No smoking during use and should be applied away from heat, fire and sparking devices

WARNING

Products are recommended for use under temperature conditions 10-32°C for surface, product and environment. Relative humidity should be between 45-65 % during application and drying time. Low temperatures, poor air circulation or high humidity will extend dry times and they also can affect product performance negatively.

Application equipment should be cleaned with cellulosic thinner after application.

TRANSPORT INFORMATION

Freight Classification : Varnish

Packaging	: 813.77	827.00
	12 kg	6 kg
	2,5 L	1,25 L