

PRODUCT DESCRIPTION

BL193.77 is a barrier varnish developed to overcome all issues typically associated to pigmented painting systems applied on MDF.

FEATURES

- Extremely fast drying
- Reduces lifting of wood fiber
- Blocks absorption on the edges of MDF
- Easy sanding

RECOMMENDED USES

It is recommended that all MDF operations be used prior to primer application procedures. It is especially recommended to use it in the applications mentioned below.

1. MDF fenders
2. CNC machined MDFs
3. MDF profiles
4. Low density MDF

PRODUCT FEATURES

Viscosity

1.component (20°C, DIN4)	:80 - 95"
1+2.component (20°C, DIN4)	:45 - 50"

Specific Gravity (kg/l)

1.component	:1,180 ± 0,03
2.component	:0,950 ± 0,03

Solid Content (% by weight)

1.component	:59 ± 2
2.component	:30 ± 2

Coverage* (m²/l)

* 30-35µ dry film thickness

Recommended Application

Weight (g/m²)

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

Drying Time (20°C, 45-65% RH, 100 g/m² single layer application)

Dust free	:5 - 10 min
Touch dry	:10 - 20 min

COLOR & GLOSS OPTIONS

Color	Color code
Transparent	0000
White	1000

SURFACE PREPARATION

Before application surface should be sanded with 180-220 grit sand paper. Surface must be clean and dust free; remove all dirt (dust, wax etc.)

MIXING RATIOS

Description	Code	by weight (%)	by volume (%)
Bariyer Astar	BL193.77	100	100
Polyurethane Hardener	HP193	25	31
Cellulosic Thinner	TN200	40	47

Before usage, stir well and check homogeneity.

Pot Life, h (20°C) : 2

* When the specified mixing ratios are obeyed, the application viscosity is 13-16" .

APPLICATION

MDF Barrier, BL193.77 is applied 1 coat. Wait minimum 30 minutes for overcoating. It can be overcoated with PE or PU basecoats

Application Equipment

Spray gun
Airmix Spray

*Ask technical support for curtain coater application.

STORAGE & TRANSPORTATION

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

Close all containers after use.

Shelf life is 1 year if stored under specified conditions.



Read the technical data sheet



Stir



Apply with spray

HEALTH & SAFETY

For full 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 and inflammable. 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 :Barrier

Packaging :**BL193.77** **HP193**
12 kg 3 kg
3 kg 0,75 kg