



Fire-retardant Interior Lacquer for Wood and Wood-based Products

A new range of clear and quick drying water based interior lacquers designed for manual and automatic spray application

The new range of fully certified clear fire retardant lacquers designed for wood based products have emphasis on a very high coating finish standard. LW-121/45/BB Interior Lacquer meets the requirements of the protocol on fire testing and classification of GNB-CPD position paper NB- CPD/SH02/12/096 (issued 21 December 2012), from the group of Notified Bodies for the Construction Products Directive, has been applied in the process of testing. According to Classification EN 13501-1:2007+A1:2009. According to fire testing: EN 13823 (SBI).

Recommended Handling

This product must always be stored and handled in temperatures not exceeding 5-30° celsius. The mixing of lacquer and Burnblock® should always be done right before intended usage.

Two-component:

- Combine LW-121/45/BB with Burnblock®
- Mechanical stirring for a minimum of 5 minutes
- Use the Interior Lacquer within 6-12 hours of mixing (physical properties diminishes over time)
- Frequent stirring during usage is recommended

The wood surface is initially scuff sanded (grit 150-220) – depending on wood type. Before any surface treatment the material needs to be absolutely clean and free from any residue.

Spray application in room temperature between 15-25° celsius with air humidity between 40-60%. Do not apply the lacquer in temperature below 15° celsius.

Standard dosage of the lacquer is approximately 100-120g/m² per coating. Dosage should never exceed 150 g/m² per coating.

This mix can be used also as a multilayer coating system, when applying it remember to scuff sand (grit 220-320) between coatings.

Drying time of each coating application is approximately 4 hours (20° celsius). Treated wood elements can be stacked after 24 hours.

Fully certified fire-retardant treatment is only possible when using the LW-121/45/BB lacquer in connection with Burnblock® treated wood. (non-contributing to the development of fire)

Product Details

LW-121/45/BB Lacquer

Packaging:
Canister (5/20 litre)
Gloss variants (5 and 20)

Certification & Test

Fire class: B-s1,d0

The Danish Institute of Fire and Security Technology (DBI)

MSDS available on request

For further information on this product, please contact

Paw Fællø
Technical Manager, Burnblock

mobile: +45 31 32 36 67
email: pf@burnblock.com

Burnblock Aps
Wilders Plads 8A
1403 Copenhagen K
Denmark

Office: +45 70 23 20 53
email: info@burnblock.com

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