

# Formica Ligna®

NATURAL WOOD SURFACING *by* FORMICA GROUP

Product Data Sheet

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## 1. Description

Formica Ligna® is a decorative laminate that incorporates a real wood veneer surface.

The laminates feature a genuine wood surface, but with greater durability and consistency than a conventional veneer and the ease of handling and application of Formica® high-pressure laminate. Formica Ligna laminates are available in a variety of grades, decors and surface finishes. They are pre-finished with lacquer or melamine and require no further surface treatment. Please refer to the published range information for further details.

All laminates are supplied with a protective film.

Formica Ligna laminates are intended for dry, interior, vertical applications.

## 2. Storage and Handling

Care must be exercised when lifting and carrying Formica Ligna laminates. If handled carelessly, splitting along the grain of the veneer may occur. Always lift Formica Ligna laminates and never drag or slide fabricated panels on the decorative face. Storage conditions should be the same as those recommended for conventional Formica® decorative laminates (18-25°C and 50-60% relative humidity). Sheets should never be rolled; they should be stored flat and horizontal, back to back with the top sheets turned face down. A cover board should be placed over the stack to prevent top board curl. Protect from sunlight and moisture and never store directly on the floor. As with all real wood products, a slight overall colour change may occur over a period of time. Do not allow partial exposure to light as this may cause uneven colour change.

## 3. Machining and Fabrication

The usual safety requirements of fabrication and machining should be observed with regard to dust extraction, dust collection, and fire precautions.

Because of the possibility of sharp edges protective gloves should always be worn when handling Formica Ligna laminates.

Contact with dust from Formica® Laminates does not present any special problems, however a small percentage of personnel may be sensitive or even allergic to machining dust in general.

Formica Ligna laminates may be cut and machined using the same equipment as for conventional Formica laminates.

In common with other wood-based products, Formica Ligna laminates will expand in damp conditions and shrink in dry conditions. It is therefore vitally important that the correct preconditioning is carried out.

Formica Ligna laminates are not postformable.

Please refer to the published Formica Ligna Fabrication Guide for full details.

## 4. Environmental

Materials used to produce Formica Ligna laminates are selected from carefully managed forests including environmentally appropriate practices which are economically viable and beneficial to society.

By using timber sources such as Poplar, Ayous and Koto woods, Formica Ligna products offer sustainable alternatives to exotic wood veneers, avoiding sacrificing endangered species.

Formica Group has achieved FSC Chain of Custody certification across its global manufacturing facilities.

The Formica Ligna laminate range is certified FSC 40% Mix.

**5. Care and Maintenance**

Formica Ligna® laminates should be treated in the same way as fine wood furniture and may be cleaned with a damp cloth and mild detergent. Do not use polishes, waxes or any acid based cleaners on any Formica Ligna surface. Formica Ligna laminates will withstand moderate heat but should not be used as a kitchen work surface.

**6. Fire Performance**

Formica Ligna laminates are offered in Vertical, Standard Grade (VVS) and Vertical, Flame-retardant Grade (VVF).

Fire performance for **Grade VVF** is assessed as follows\*:

- Classification of resistance to fire to EN 13501-1:2010-01 = **C,s2-d0**
- IMO/MED and USCG fire requirements approval to FTP Code Annex 1, Part 5 No. 2.1 and Part 6 No. 2.1

\*Please consult [www.formica.com](http://www.formica.com) or your nearest Formica Group Sales Office for updated information

**7. Technical Data**

Formica Ligna	UV Lacquer surface	Melamine surface
	(Gloss texture)	(All other textures)
Size Tolerance Longitudinal Transversal	0,6 % (EN 438-2.17) 0,9 % (EN 438-2.17)	
Thickness	1.0mm (nominal)	
Lightfastness	2 (EN 438-2.27)	
Postforming grade	Not postformable	
Formaldehyde emission	In accordance with EN 7172	
Resistance to staining - EN 438-2-26 Group 1, 2, 3	Group 1 – Grade 2 Group 2 + 3 – Grade 4	Open porous surfaces Group 1, 2, 3 – Grade 2
Gloss level	40-45 (85° - Grade of reflectometer acc. to DIN 67530)	10 (85° - Grade of reflectometer acc. to DIN 67530)

This data sheet is designed to give you important information about Formica® Laminates.

The statement as to industry standards compliance is accurate and whilst we make reasonable efforts to ensure that the other statements in this data sheet are accurate, this cannot be guaranteed and no condition or warranty to this effect shall be implied.

The goods will be provided in accordance with the contract in place between Formica Group and the purchaser.

We will not be liable for any loss or damage caused directly or indirectly from any failure of the goods to comply with this data sheet, except in regard of death or personal injury caused by our negligence.

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May 2014

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