

# PIOPPO-MDF

## DESCRIPTION

Made of outer faces in Medium Density fiber panel with thickness from 2 to 4 mm and combined with poplar inner-layers. It combines the mechanical properties of MDF with the advantage of a higher light weight and ease of machining. Thanks to the economical advantage combining it with other materials, it has become an important testing element for designers loving novelties.

## APPLICATIONS



FURNITURE  
AND DESIGN



ARCHITECTURE  
AND CONSTRUCTION

## FORMALDEHYDE RELEASE



## GLUING



## CERTIFICATIONS



## SIZES

| Features       | Standards | Unit | Value                                     |    |    |
|----------------|-----------|------|---|----|----|
| Standard sizes |           | mm   | 2440 x 1220<br>2500 x 1220<br>3120 x 2120 |    |    |
| Thickness      | EN 315    | mm   | 18  | 22 | 30 |
| N° layers      | EN 315    | n°   | 7   | 9  | 11 |

## FEATURES

| Features                      | Standards | Unit  | Value                              |    |    |
|-------------------------------|-----------|-------|------------------------------------|----|----|
| Voluminal mass                | EN 323    | kg/m³ | 570 +/- 10%                        |    |    |
| <b>Bending strength</b>       |           |       |                                    |    |    |
| Long grain                    | EN 310    | N/mm² | 30                                 | 35 | 30 |
| Cross grain                   | EN 310    | N/mm² | 30                                 | 30 | 25 |
| Thermal conductivity          | EN 10456  | W/m K | 0,12                               |    |    |
| <b>Dimensional tolerances</b> |           |       |                                    |    |    |
| Thickness                     | EN 315    | mm    | + (0,2 + 0,03 t); - (0,4 + 0,03 t) |    |    |
| Length / Width                | EN 315    | mm    | +/- 3,5 mm                         |    |    |
| Orthogonality                 | EN 315    | mm/m  | 1                                  |    |    |
| Moisture                      | EN 322    | %     | 8÷12                               |    |    |

### Reaction to fire

Standard EN 13986 D-s2,d0 - Dfl-s1 (thickness ≥ 9 mm voluminal mass ≥ 400 kg/m<sup>3</sup>)

SALES CONDITIONS <http://www.panguanetaplywood.com/en/plywood/terms-conditions>

### NOTE

None of the following tests has been subject to preliminary conditioning. The specific values are average values referred to the normal production.

It is responsibility of the customer to determine if Panguaneta's products are suitable for the wished applications and to ensure that places and way of use comply with the supplier's instructions and with the law in force.

