



ONE SIDE MELAMINE FACED thin MDF PANEL

Low thickness MDF panel (Medium Density Fiberboard), melamine-faced on one side through a pressing process, with:

- increased resistance to wet conditions
- reduced formaldehyde emission.

Panel back side is raw.

Standard sizes: 2800x2150mm (4 and 6 mm) and 5600x2150mm (3,4,6 mm).

Available with FSC® Mix Credit claim on request.

TECHNICAL CHARACTERISTICS OF THE MELAMINE FACED PRODUCT *

Dimensions

| | | | |
|---------------------------|------------------|-------------------------------------|---|
| DIMENSIONAL TOLERANCES | THICKNESS | UNI EN 622-1, EN 14323, EN 324-1 | ±0,2 mm |
| | LENGTH AND WIDTH | EN 14322, EN 14323, EN 324-1 | ±5 mm |
| FLATNESS | | EN 14322, EN 14323 | NA for panels less than 15mm thick and unbalanced surfaces |

Aesthetic appearance

| | | |
|-----------------|--------------------|---|
| EDGE DAMAGE | EN 14322, EN 14323 | ≤ 10 mm |
| SURFACE DEFECTS | EN 14322, EN 14323 | Points: ≤ 2 mm ² /m ² Length: ≤ 20 mm ² /m ² |

Resistance to mechanical, chemical, physical agents

| | | |
|-----------------------------------|--------------------|---|
| RESISTANCE TO SCRATCHING | EN 14322, EN 14323 | ≥ 1,5 N |
| RESISTANCE TO STAINING | EN 14322, EN 14323 | Class ≥ 3 |
| RESISTANCE TO CRACKING | EN 14322, EN 14323 | Class ≥ 3 |
| RESISTANCE TO ABRASION | EN 14322, EN 14323 | Prints: Class 1, Solid colours: Class ≥ 3A |
| RES. TO COLOUR CHANGE (XENON ARC) | EN 14322, EN 14323 | ≥ 4 grey scale |



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Increased resistance to wet conditions

| | | | |
|-------------------------------------|----------------------|------------|-------|
| MAX. SWELLING IN THICKNESS, 24h [%] | UNI EN 622-5, EN 317 | 3 and 4 mm | ≤ 30% |
| | | 6 mm | ≤ 18% |

Reduced formaldehyde emission

| | | |
|----------------------|---------------------------------------|--|
| FORMALDEHYDE RELEASE | EN 14322 | ≤ 3,5 mg/(m ² h) (Class E1) |
| | EN ISO 12460-3 | |
| | BAnz AT26.11.2018 B2, EN ISO 16516 | ≤ 0,1 ppm (Class E1) (BAnz AT26.11.2018 B2 - E05) |
| | EPA TSCA Title VI ASTM E1333 | ≤ 0,13 ppm |



ON REQUEST

Low thickness MDF panel (Medium Density Fiberboard), melamine-faced on one side with claim FSC® Mix Credit; ICILA-COC-000343



STORAGE, HANDLING AND PROCESSING

Keep the products in a ventilated and dry environment, not exposed to direct sunlight.
Avoid making excessively high or unstable stacks.
Use vacuum handling systems. Avoid manual handling and the use of pushers on conveyor belts.
Machinery and processing equipment should feature suitable dust extraction systems.



CLEANING AND MANTAINANCE

For cleaning, choose household hygiene products. It is recommended to avoid spraying products directly onto the surface, as this may cause halos; instead, it is preferable to apply the detergent product on a soft damp cloth, clean the surface and then rinse it. Avoid using abrasive products, bleach or highly chlorinated products, strong acids or bases. For more details see the *Melamine cleaning instructions* datasheet.

This technical data sheet has been drawn up in accordance with the current state of our knowledge and technical characteristics of the materials, however it is for informational purposes only and does not in any case represent a kind of guarantee even regarding the suitability for specific applications or regarding the properties of the products. This sheet is mainly based on the practical experience of our technicians as well as on internally conducted tests and therefore does not constitute an incontrovertible scientific proof. Cleaf SPA therefore assumes no responsibility for any technical and/or application errors, inaccuracy in the application of standards or regulations or even misprints. Finally, we point out that this sheet may be outdated due to technical changes because of the continuous development of Cleaf SPA products, as well as changes in scientific and technical standards or on the base of the introduction of new regulations applicable to the reference industry. In light of the above, the content of the processing instructions cannot act neither as a manual for the use of the products nor for their applications nor as an element of identification of the object of the legally binding contract between the parties.