

TECHNICAL SHEET

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DECORATIVE MELAMINE FACED MDF

1. Product description

Product identification

MDF boards glued with amino-formaldehyde resin, flat pressed, with surface finish by laminating with melamine-resin-impregnated paper. These boards are designed mainly for furniture industry and for final interior decoration. These boards are not recommended for humid environment.

Manufacturer identification

KRONOSPAN MIELEC Sp. Z o.o.

Ul. Wojska Polskiego 3

39-300 Mielec

Poland

Contact data for information

Phone: +48 17 58 22 200

Fax: +48 17 58 22 300

2. Composition information

MDF boards composition (specified in kg / 1m³ of MDF)

- | | |
|----------------------------|--------------------|
| - timber matter | 590 – 640 kg athro |
| - amino-formaldehyde resin | 77 – 93 dry matter |
| - paraffin | 4 – 5 kg athro |
| - hardener | 2 – 6 kg athro |
| - moisture | 4 – 7 % |

Consumption of raw material corresponds to individual thickness classes of the boards. Boards used for laminating must be in accordance with the requirements of EN 622-5.

Impregnated paper

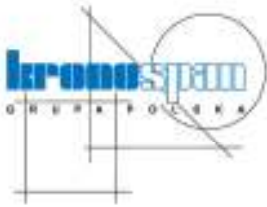
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|--|---|
| - Flat weight of paper before impregnation | 60 – 110 g/m ² +4 g/m ² |
| - Resin layer | 120 – 170 % + 5% |


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Sąd Rejonowy w Rzeszowie
XII Wydział Gospodarczy
Krajowego Rejestru Sądowego
KRS: 0000083232
NIP 8171459956

kapitał zakładowy: 129 410 000 PLN
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- Volatiles share 5,0 – 7,0 %

Impregnated paper is made of impregnated decorative, base or special paper with the help of suitable types of aqueous solutions of amino-plastic resins (urea-formaldehyde and modified melamine-formaldehyde resins).

3. Property information

General property requirements

Laminated boards must correspond to general requirements included in Table 1 of EN 14322.

Mechanical-physical properties

- specified on the basis of requirements of EN 622-5
- Tensile strength perpendicular to the plane of the board – Internal Bond
- Bending strength
- Surface soundness

Technical property requirements

The technical properties concern the laminated surface of the boards – EN 14322 - testing method acc. to EN 14323

Hygienic requirements

Hygienic properties acc. to EN 14322, "Hygienic Class E1".

Fire properties

The product is classified as D class in accordance with the fire response. Its additional classification according to smoke generation *s1* and particles burning in flame *d0* is expressed as *D-s2, d0*.

4. Instruction for transportation and storage

Transport

- Railway carriages intended for this type of transport (closed and secured)



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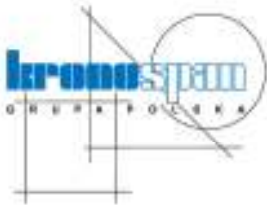
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against climatic influence). In the carriages there are movable obstruction and fixing device (courting) which protects the goods against the damage.

- By road trucks. Canvas covers are used to protect the goods against climatic influence and fixing device (courting) are used to disable the movement and consequent damage of the goods inside the truck.

Storage

Store the boards in a dry and ventilated area with optimum air humidity of 40 – 65%. The individual board packages must be interlaid, the bottom package should be placed minimum 10 cm above the floor.

5. Waste management

The waste of product is not dangerous, the EWC code is: 030105. Management according to local regulations.

6. Related standards

- EN 14322 - Wood-based panels. Melamine faced boards for interior uses. Definition, requirements and classification
- EN 622-5 - Fireboards – Specifications – Part 5: Requirements for dry process boards (MDF)
- EN 310 - Wood-based panels. Determination of modulus of elasticity in bending and of bending strength
- EN 311 - Particleboards. Surface soundness of particleboards, test method
- EN 317 - Particleboards and fireboards – Determination of swelling in thickness after immersion in water
- EN 319 - Particleboards and fireboards – Determination of tensile strength perpendicular to the plane of the board
- EN 622-1 - Fireboards – Specifications – Part 1: General requirements
- EN 322 - Wood-based panels – Determination of moisture content
- EN 323 - Wood-based panels – Determination of density

7. Other information

Protective means fitting to the processing method and technical equipment of the processing plant (protective goggles, respirators, gloves).



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