

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT IDENTIFICATION:** Doors/panels of lacquered melamine MDF for kitchens.

**GENERAL FEATURES:** Door/panel of Medium Density Fiberboard, 18,30 mm thickness, with melamine covering on both sides, lacquered on front side and ABS or PP edgeband.

## 2. RAW MATERIALS INFORMATION

**BOARD:** Medium density fiberboard of 18 mm thickness with 730 kg/m<sup>3</sup> of average density. The MDF classification is E1 for formaldehyde release.

**FRONT SIDE:** Covered with melamine paper, a layer of polyurethane and transparent primer and one more layer of transparent polyester finishing drying by UV radiation.

**BACK SIDE:** Covered with melamine paper.

**EDGE:** Covered with high gloss ABS or PP edgeband glued with polyurethane glue or laser technology.

## 3. PHYSICAL AND MECANICS FEATURES

Feature	Result	Standard	Lab
Chemical stress (Food, cleaning products, etc.)	Class 1B	DIN 68861-1	AIDIMA
Resistance to cold liquids	5	EN 12720:09	AIDIMA
Covering adhesion (% particles dragging).	85% (OK)	UNE 56 842	AIDIMA
Crack resistance	5	EN 14323 :04	AIDIMA
Surface soundness	1,3 N/mm <sup>2</sup>	EN 311:02	AIDIMA
COLD CHECK (40 cycles 1 hour 60 °C, 1h -20°C, 15 min. room temp.)	No damage	AIDIMA	AIDIMA
Light fastness	Blue 8 / Grey 5	EN 14323 :04	AIDIMA
Behaviour against hot pot	5	EN 12722:09	AIDIMA
Behaviour of moist heat	5	EN 12721:09	AIDIMA
Behaviour against cigarette	3	EN 14323:04	AIDIMA
Behaviour against scratching	7,5 N	EN 14323:04	AIDIMA
Behaviour against water vapour	4	EN 14323:04	AIDIMA
Behaviour impact stress (large diameter steel ball)	110 cm	EN 14323:04	AIDIMA
Measures tolerance	± 0,5 mm	ALVIC	ALVIC
Bow tolerance	2 mm / 1 m	ALVIC	ALVIC
Plain colour tolerance	ΔE ≤ 0,70	CIELabCH D65/10°	ALVIC
Front side Gloss	90 ± 5 GU	60° (ISO 2813)	ALVIC

NOTE: AIDIMA test reports available as your request.

## 4. STORAGE AND CLEANING

Storage temperature: 10 °C – 30 °C. Due to the natural and unavoidable changes of the varnishes is mandatory to use FIFO as system of management of stocks, in order to avoid visual differences between doors with far off datestamps. Do not expose to sunlight and others sources of heat for long time. Clean with a soft cloth using water with mild soap. Do not use any cleaners containing alcohol, solvents or abrasives.

**IMPORTANT NOTE:** When the product is supplied as 1,24 meters width panels, 1 cm of each long side must be scrapped. Anyway, these panels will be invoiced as 1,22 meters width in order to avoid any economical damage to the customer.