

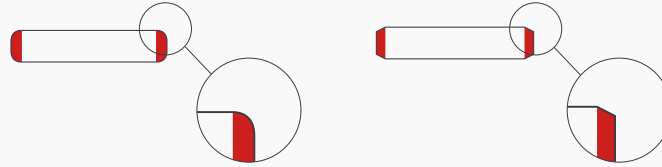
PANELS AND DOORS, SQUARED AND EDGED

Quality and guarantee

We are skilled in producing kitchen tops, furniture elements, tops for bathrooms, doors, tables, shelves, worktops, benches.
The supports employed for the production of our components are made of alveolar/paper, parquet wood, multilayer wood, compact HPL and waterproof and fire retardant chipboard panels.

Bars can be realized with different edges.
On demand, an aluminium profile can be inserted.

Sections



Materials

- PANEL SUPPORTS
- fire or water resistant chipboard
- phenolic poplar multilayer
- MDF
- parquet wood panels

CHIPBOARD

Features	Rules/standards	Unit	Values V20	Values V100	Test
Thickness allowance	EN 312.1	mm	±0,3	±0,3	EN 312.1
Length/width allowance	EN 312.1	mm	±0,5	±0,5	EN 312.1
Squareness	EN 312.1	mm	2/1000	2/1000	EN 312.1
Humidity contents	EN 312.1	%	5-13	5-13	EN 322
Panel density change	EN 312.1	%	±10	±10	EN 322
Formaldehyde emission <small>(noted purchase value)</small>	EN 312.1	mg/100g	<8 (E1)	<8 (E1)	EN 120
Thickness expansion	UNI 4866/61 DIN 68763/81	% %	16 //	// 12	UNI 4872/61 (2h a 20 + 2°C) DIN 52364/65 (24h a 20 + 2°C)

• COVERING MATERIALS

- laminare HPL thickness 0,6 to 1,2 mm
- laminare CPL thickness 0,4 to 0,6 mm
- compact laminate tk. 4 - 18 mm
- full color laminate tk. 1,2 mm

LAMINATE

Features	Rules/standards	U.M.	Values HGP	Values VGP	Values HGS	Values VLS	Test
Resistance to Surface Wear	EN 438.1	Giri Taber	>=350	>=150	>=350	>=50	EN 438.2.6
Resistance to Shock	EN 438.1	N	>=20	>=15	>=20	>=15	EN 438.2.11
Resistance to Scratches	EN 438.1	N	>=2,0	>=1,75	>=2,0	>=1,5	EN 438.2.14
Resistance to Immersion	EN 438.1 <small>(in acqua a 100° per 2 h) (in water at 100° for 2 h)</small>	%	<=15	<=15	<=10	<=15	EN 438.2.7
Resistance to Smoke Burns	EN 438.1	Grade	>=3	//	>=3	//	EN 438.2.18
Resistance to Cracking	EN 438.1	Grade	>=4	>=4	>=4	>=4	EN 438.2.13
Resistance to Water Vapour	EN 438.1	Grade	>=3	>=3	>=4	>=3	EN 438.2.24

• GLUES

- vinyl glue
- polyurethane joint against water

Use	Nature	Features	Rules/standards	U.M.	Values	Test
Flat Surfaces	Vinyl	Resistance to water	EN 204 D3	N/mm2	>=2	EN 205
Post forming	Vinyl	Resistance to water	EN 204 D3	N/mm2	>=2	EN 205
Edges	PU Hot Melting	Resistance to heat Resistance to water	UNI 9242/87 <small>under water for 6 hours</small>	Evaluation / Observation	>=5(B) Glued Joint Unchanged	()

