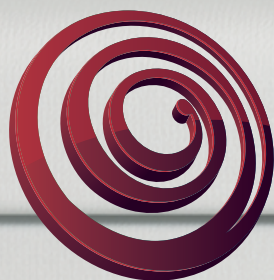


A modern interior scene featuring a large wooden cabinet with a light wood grain finish. On top of the cabinet are several decorative items: a white vase, a black vase, and a stack of books. To the left, a smaller dark brown cabinet holds a black vase and a stack of books. In the foreground, a white leather sofa is visible. A dark red banner is overlaid on the image, containing text and a logo.

PAL MELAMINAT

vision²⁰¹²



kastamonu
Romania

FIȘĂ TEHNICĂ pentru PAL MELAMINAT P2 E1 / TECHNICAL SHEET for MELAMINE-FACED CHIPBOARD P2 E1

Standard de referință EN - 14322 ; EN - 312 / Requirement standard EN - 14322 ; EN - 312

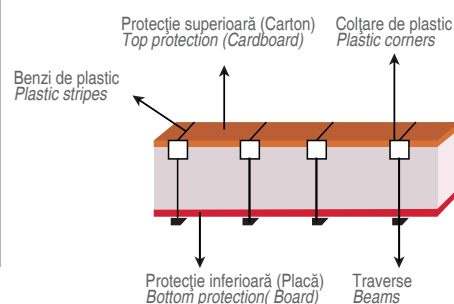
CARACTERISTICI GENERALE și PROPRIETĂȚI MECANICE / GENERAL CHARACTERISTICS and MECHANICAL PROPERTIES		METODA DE ÎNCERCARE / TEST METHOD	UNITATEA DE MĂSURĂ / UNIT	LIMITE / REQUIREMENTS
Toleranță la dimensiuni nominale / Tolerances on nominal dimensions	Grosime / Thickness	EN 324 - 1	mm	$\pm 0,3 \leq 20 \text{ mm}$ $\pm 0,5 > 20 \text{ mm}$
	Lungime și lățime / Length and Width	EN 324 - 1	mm	± 5
Planeitate / Flatness		EN 14323 / EN 438 - 2	mm	≤ 2
Toleranța la perpendicularitate / Squareness Tolerance		EN 324 - 2	mm/m	2
Conținut de umiditate / Moisture content		EN 322	%	5 - 13 %
Defecte de aspect ale suprafeței / Surface defects		EN 14323 / EN 438 - 2	mm ² /m ² mm/m ²	puncte / points ≤ 2 lungime / length ≤ 20
Rezistență la zgâriere / Resistance to Scratching		EN 14323 / EN 438 - 2	Grad	$\geq 1,5$
Rezistență la pătare / Resistance to Staining		EN 14323 / EN 438 - 2	Grad	≥ 3
Rezistența la fisurare / Resistance to Cracking		EN 14323 / EN 438 - 2	N/mm ²	≥ 3
Emanație de aldehidă formică - Clasa E1 Formaldehyde release - Class E1		EN 717 - 2	mg/m ² h	$\leq 3,5$ sau / or ≤ 5 - în primele 3 zile după producție / in first 3 days after production

PAL MELAMINAT / MELAMINE - FACED CHIPBOARD

Format Standard / Standard Format 2800x2070 mm

Grosime / Thickness (mm)	Plăci / Pachet Boards / Pack	m ³ / Pachet cbm/Pack	m ² / Pachet sqm/Pack
8	26	1.21	150.7
12	26	1.81	150.7
16	26	2.41	150.7
18	24	2.50	139.1
22	23	2.93	133.3
25	20	2.90	115.9
28	18	2.92	104.3
30	17	2.96	98.5

DETALII de AMBALARE DETAILS of PACKING



Începând cu iunie 2012, Kastamonu Romania beneficiază de o nouă și modernă unitate de producție PAL brut și melaminat, rezultatul unei investiții de 150 milioane euro.

În ceea ce privește producția de PAL melaminat, dispunem de două linii de melaminare cu o capacitate totală de peste 20 milioane m²/an și o linie de impregnare a hârtiei decor, cu o capacitate de aproximativ 50 milioane m²/an.

Fabrica de la Reghin va produce PAL Melaminat pe formatul standard de 2800 x 2070 mm, într-o varietate de grosimi de la 8mm la 38mm. Producții speciale pot fi confirmate la cerere.

Colecția de debut – "VISION 2012" este o selecție de 75 de decoruri, interpretări interesante ale nuanțelor de LEMN, UNI și FANTEZIE, într-o varietate de 6 structuri. Kastamonu Romania propune o gamă de decoruri echilibrată, adaptată cerințelor actuale.

Starting with June 2012, Kastamonu Romania benefits from a 150 million Euro investment in a new and modern production facility for raw and melaminated faced chipboards.

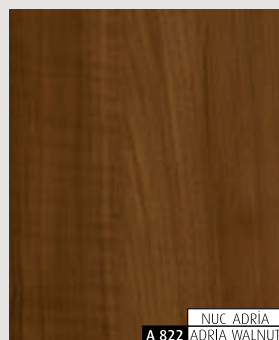
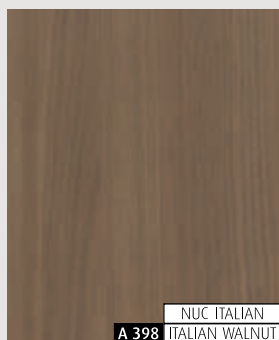
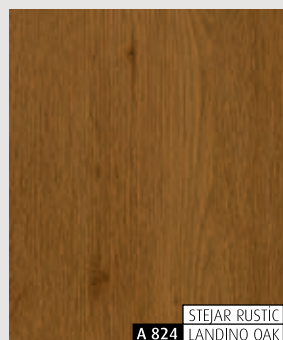
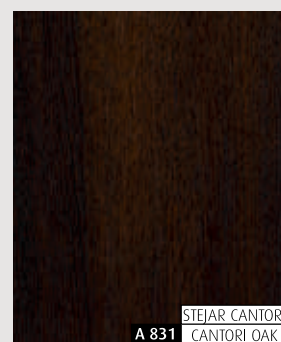
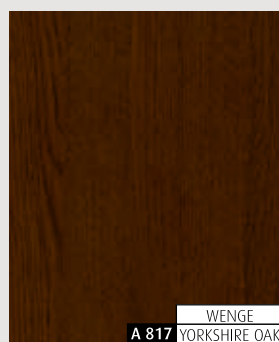
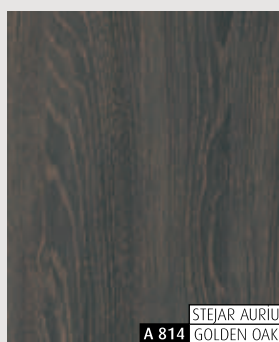
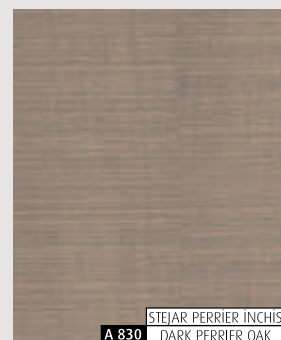
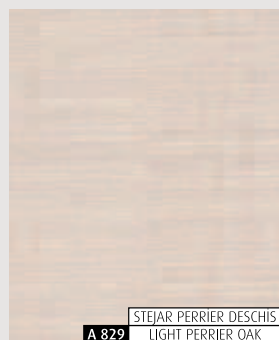
Related to MFC production, we are talking about 2 melaminating presses with a total capacity of about 20 million sqm/year and an impregnation line for about 50 million sqm/year.

From Reghin, we will be able to provide MFC in standard format 2800 x 2070 mm and standard thicknesses from 8mm to 38mm. Still, special productions can be offered upon request.

Our "VISION 2012" collection was developed taking into account the actual trend and demand of the market. We have selected 75 interesting decors of WOOD, UNI and FANTASY colours, in a variety of 6 structures.

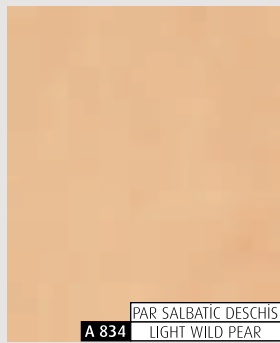
vision²⁰¹²

DECORURI DE LEMN / WOOD DECORS

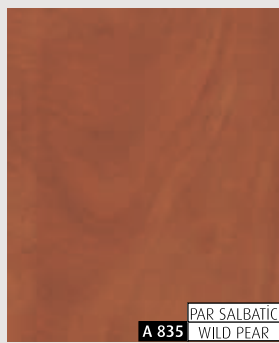




A 827 MESTEACAN
BIRCH



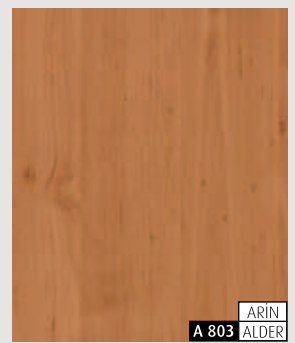
A 834 PAR SALBATIC DESCHIS
LIGHT WILD PEAR



A 835 PAR SALBATIC
WILD PEAR



A 816 ARIN ONTANO
ONTANO ALDER



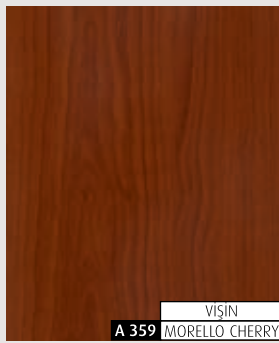
A 803 ARIN
ALDER



A 801 CIREȘ OXFORD
OXFORD CHERRY



A 800 CIREȘ
CHERRY



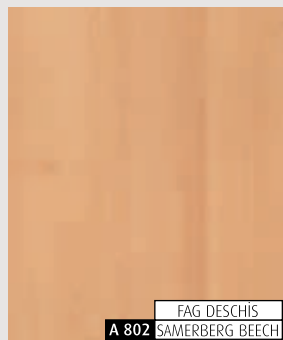
A 359 VIȘIN
MORELLO CHERRY



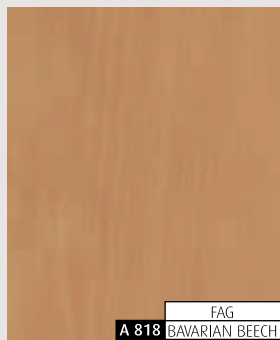
A 810 CIREȘ MORGANA
MORGANA CHERRY



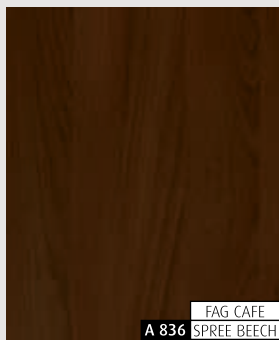
A 807 PRUN
WALLIS PLUM



A 802 FAG DESCHIS
SAMERBERG BEECH



A 818 FAG
BAVARIAN BEECH



A 836 FAG CAFE
SPREE BEECH



A 357 BRAD
SPRUCE



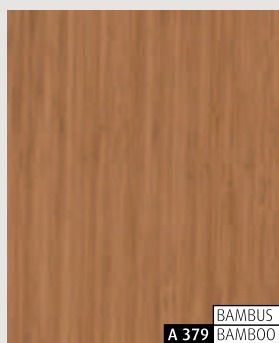
A 815 PIN TOSCA
TOSCA PINE



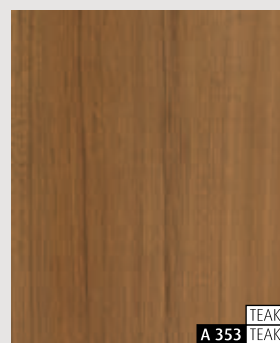
A 826 PIN LARICO
LARICO PINE



A 823 PIN CARRIZO
CARRIZO PINE



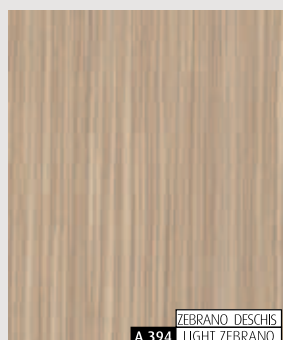
A 379 BAMBUS
BAMBOO



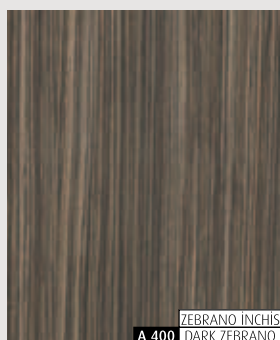
A 353 TEAK



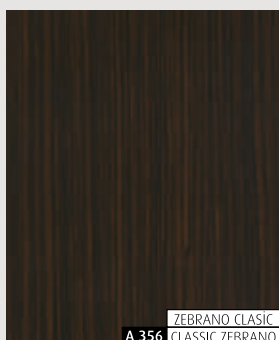
A 832 MAHON
MAHOGANY



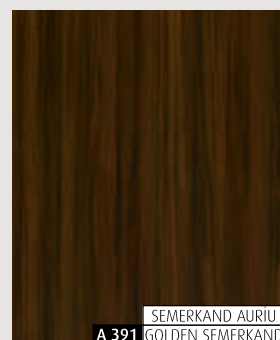
A 394 ZEBRANO DESCHIS
LIGHT ZEBRANO



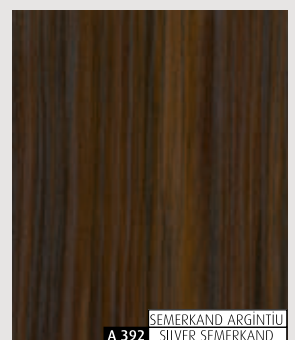
A 400 ZEBRANO INCHIS
DARK ZEBRANO



A 356 ZEBRANO CLASIC
CLASSIC ZEBRANO



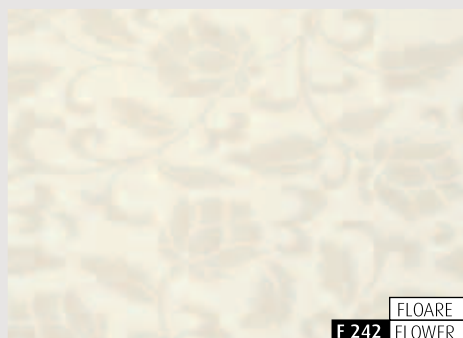
A 391 SEMERKAND AURIU
GOLDEN SEMERKAND



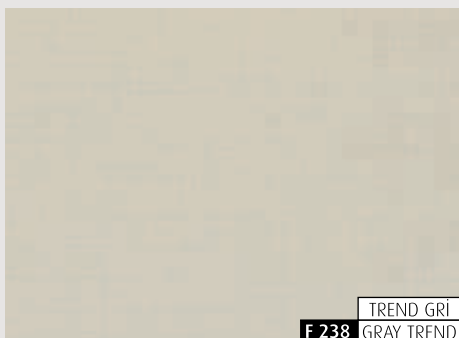
A 392 SEMERKAND ARGINTIU
SILVER SEMERKAND

FANTEZIE

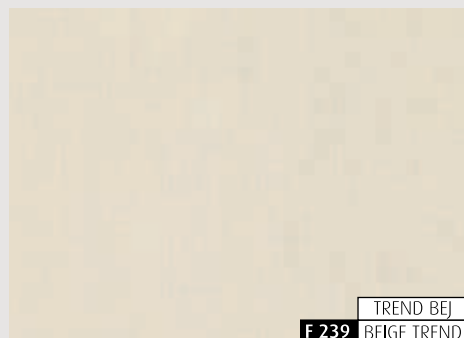
DECORURI FANTEZIE / FANTASY DECORS



F 242 FLOARE
FLOWER



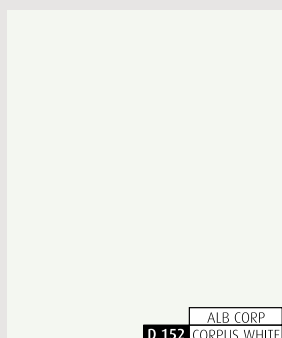
F 238 TREND GRI
GRAY TREND



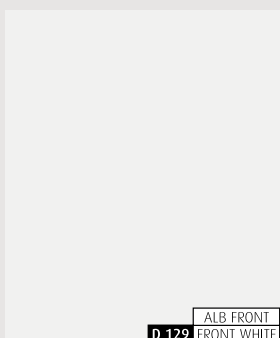
F 239 TREND BEJ
BEIGE TREND

UNI

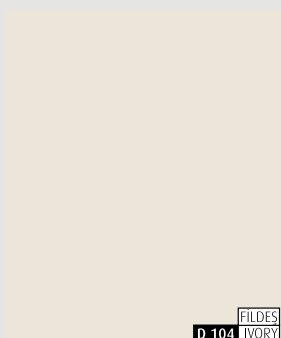
CULORI UNI / UNI COLORS



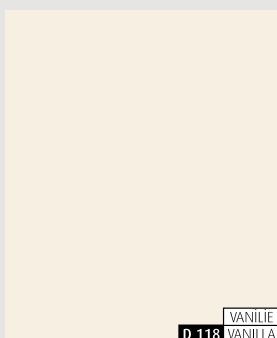
D 152 ALB CORP
CORPUS WHITE



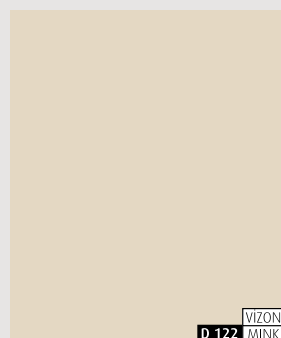
D 129 ALB FRONT
FRONT WHITE



D 104 FILDEȘ
IVORY



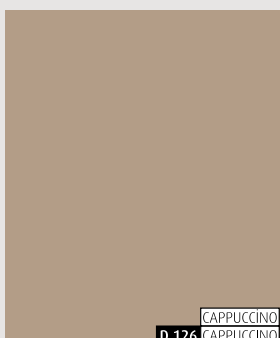
D 118 VANILIE
VANILLA



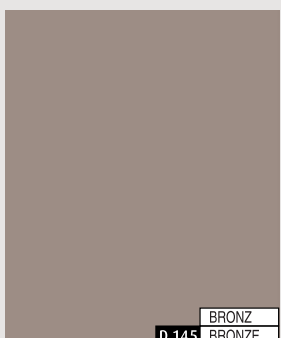
D 122 VIZON
MINK



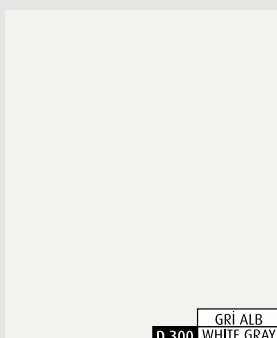
D 102 BEJ
BEIGE



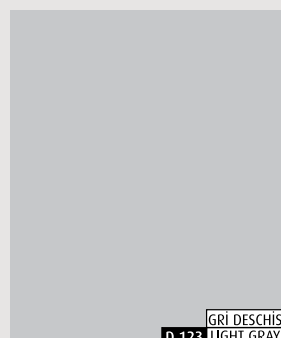
D 126 CAPPUCCINO
CAPPUCCINO



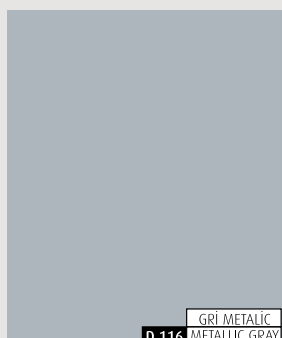
D 145 BRONZ
BRONZE



D 300 GRI ALB
WHITE GRAY



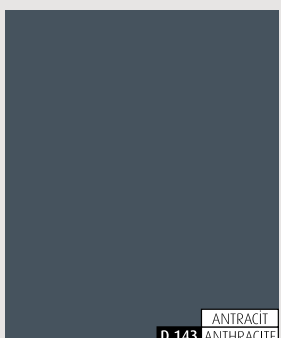
D 123 GRI DESCHIS
LIGHT GRAY



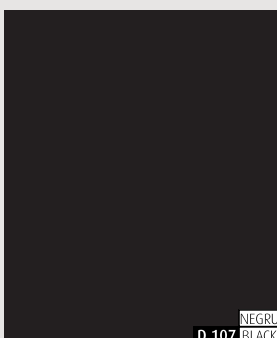
D 116 GRI METALIC
METALLIC GRAY



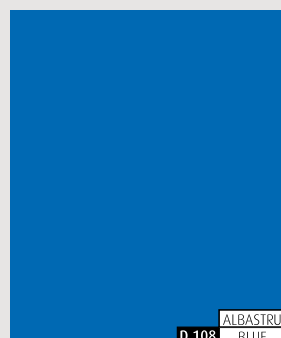
D 301 ARGINTIU
SILVER



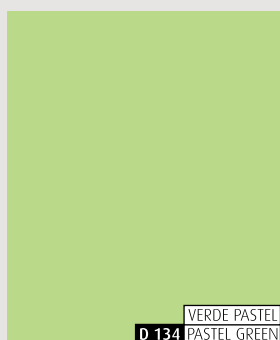
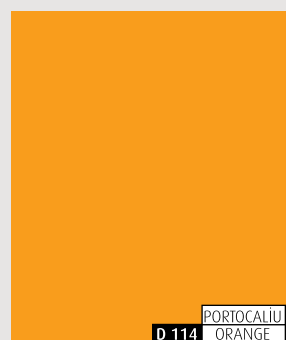
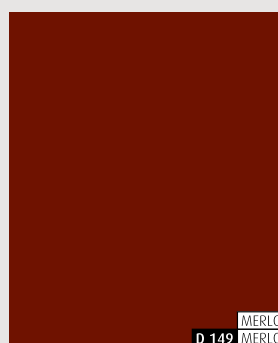
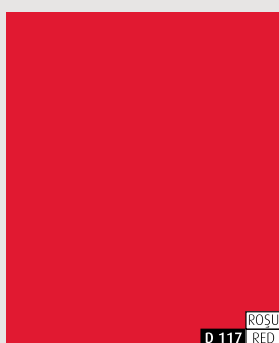
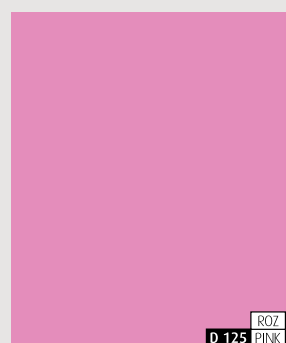
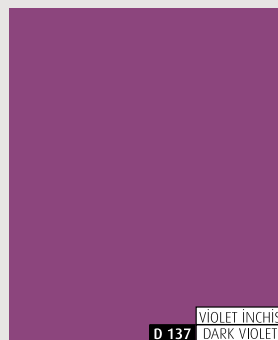
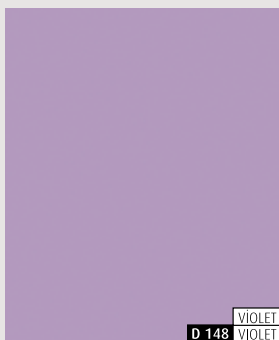
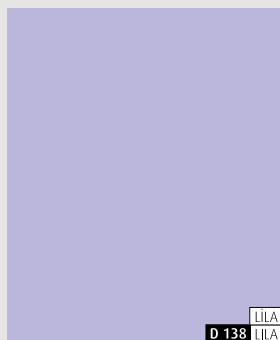
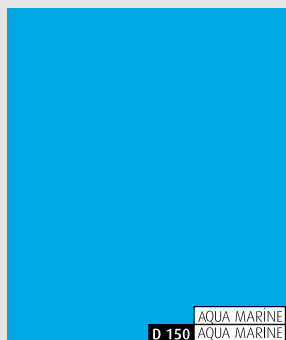
D 143 ANTRACIT
ANTHRACITE



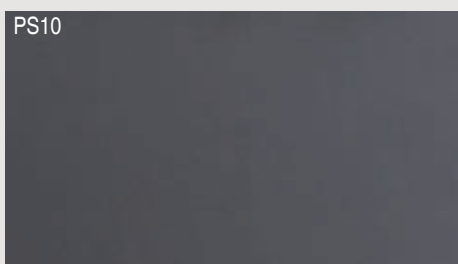
D 107 NEGRU
BLACK



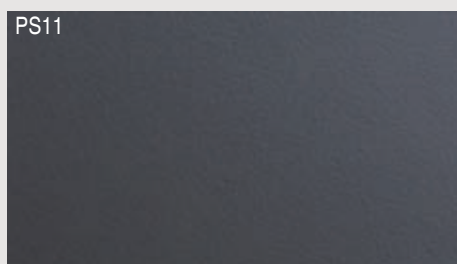
D 108 ALBASTRU
BLUE



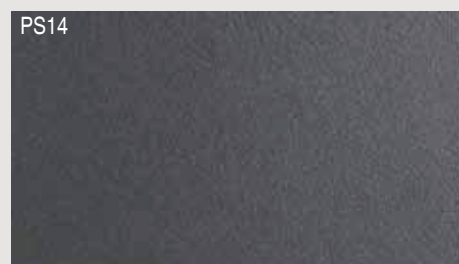
STRUCTURI / STRUCTURES



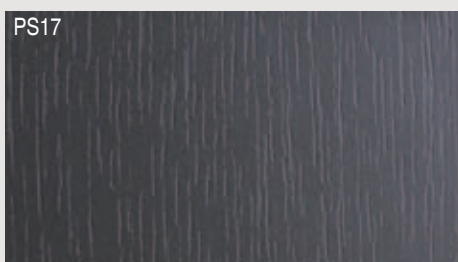
Mată / Smooth



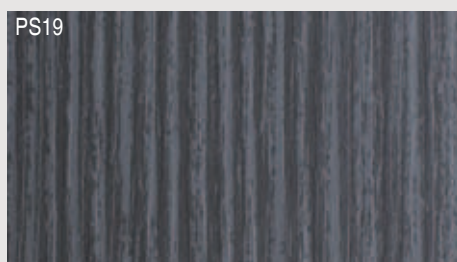
Birou / Office



Perlată / Pearl



Lemn / Wood Finish



Freze / Freze



Lucioasă / High Gloss

FIȘĂ TEHNICĂ pentru PLĂCI DE AȘCHII DE LEMN P2 E1 / TECHNICAL SHEET for RAW CHIPBOARD P2 E1

Standard de referință EN - 312 / Requirement standard EN - 312

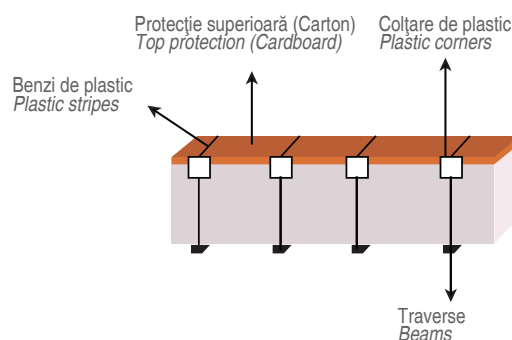
CARACTERISTICI GENERALE și PROPRIETĂȚI MECANICE / GENERAL CHARACTERISTICS and MECHANICAL PROPERTIES		METODA DE ÎNCERCARE / TEST METHOD	UNITATEA DE MĂSURĂ / UNIT	GROSIME / THICKNESS				
				8 ≤ t ≤ 13	13 < t ≤ 20	20 < t ≤ 25	25 < t ≤ 32	32 < t ≤ 40
Densitate / Density		EN 323	kg/m ³	≥ 670	≥ 660	≥ 640	≥ 620	≥ 610
Toleranță a masei volumice medii în cadrul unei plăci / Tolerances on the mean density within a board		EN 323	%	± 10				
Toleranță la dimensiuni nominale - în aceeași placă și între plăci / Tolerances on nominal dimensions - within and between boards	Grosime / Thickness	EN 324 - 1	mm	± 0,3				
	Lungime și lățime / Length and Width	EN 324 - 1	mm	± 5				
Toleranța la rectitudinea muchiilor Edge Straightness Tolerance		EN 324 - 2	mm	≤ 1,5 mm per m				
Toleranța la perpendicularitate / Squareness Tolerance		EN 324 - 2	mm	≤ 2 mm per m				
Conținut de umiditate / Moisture content		EN 322	%	5 - 13 %				
Rezistența la încovoiere / Bending Strength		EN 310	N/mm ²	11	11	10,5	9,5	9,5
Modul de elasticitate la încovoiere / Modulus of elasticity in bending		EN 310	N/mm ²	1800	1600	1500	1350	1200
Coeziune internă / Internal Bond		EN 319	N/mm ²	0,4	0,35	0,3	0,25	0,2
Conținut de aldehidă formică - Clasa E1 (placă uscată) Formaldehyde content - Class E1 (dry board)		EN 120	mg/100g	≤ 8				

PAL BRUT / RAW CHIPBOARD

Format Standard / Standard Format 2800x2070 mm

Grosime / Thickness (mm)	Plăci / Pachet Boards / Pack	m ³ / Pachet cbm/Pack	m ² / Pachet sqm/Pack
8	70	3.25	405.7
12	50	3.48	289.8
14	44	3.57	255.0
15	42	3.65	243.4
16	40	3.71	231.8
18	35	3.65	202.9
22	29	3.70	168.1
25	26	3.77	150.7
28	23	3.73	133.3
30	22	3.83	127.5
35	19	3.85	110.1
38	17	3.74	98.5

DETALII de AMBALARE DETAILS of PACKING



Kastamonu Romania produce PAL brut pe intervalul de grosimi 8 - 40 mm utilizând o presă continuă cu o capacitate de 500.000 m³/an. Cantitățile produse sunt destinate atât consumului propriu pentru procesul de melaminare cât și vânzării. Formatul standard al plăcilor de PAL este 2800x2070 mm, însă la cerere, se pot produce și formate speciale.

Plăcile de PAL sunt realizate dintr-un amestec de așchii fine de lemn cu rășini care, prin presare la temperaturi ridicate, formează o structură triplu stratificată rezistentă la interior și cu straturile de suprafață fine. Această structură permite diverse modalități de prelucrare și de finisare, fapt ce recomandă acest material pentru multiple utilizări în industria mobilei, construcții și amenajări interioare.

Kastamonu Romania produces Raw Chipboard boards in a range of thicknesses from 8 – 40 mm by using a continuous chipboard press with an estimated capacity of 500.000 m³/year. The produced quantities are used internally for the MFC production and also for sales. The standard format is 2800x2070 mm, but special orders and formats can be produced upon request.

Particleboard, known also as Chipboard, generally derives from a special mixture of wood chips and synthetic resin which form under heat and pressure, a resistant board, with hard core and smooth surfaces. This special structure and its derived physical and mechanical characteristics allows many different processing and finishing methods and therefore it make this product suitable for usage in many different fields such as furniture production, constructions and interior designs.



www.kastamonu.ro

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