



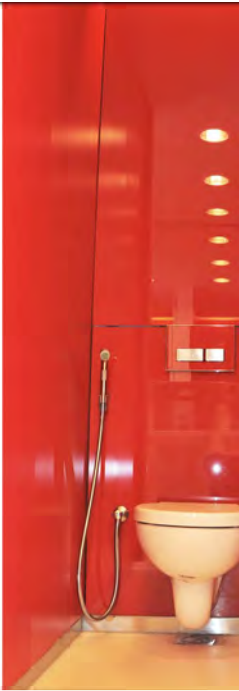
COLLECTION 2018

COMPACT SOLID GRADE LAMINATE



FUNDERMAX®

for
people
who
create



INTERIOR

GIBCA



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GIBCA LIMITED COMPANY (FZC) LLC

About Gibca

Gibca Limited Company (FZC) which is a part of GIBCA Group has been long recognized as one of the leading manufacturers and suppliers of contract location furnishings.

Since Gibca's establishment, it's defining features are its quality and potential to innovate. Trusted by architects and contractors worldwide, Gibca has made over 50,000 installations spanning Middle East, Central Asia and North Africa. By fostering the culture of innovation and creativity, we have established ourselves as the region's leading space management solution providers.

The culture of innovation and creativity has established Gibca as the leading space management solution provider in the region. All our products help exploit to the fullest; the potential that every space offers.

Our state of the art manufacturing facility and an extremely talented technical team turns out a wide range of custom made products which affirm our reputation for expertly engineered design and top quality workmanship.

We seek to provide each of our customers highly personalized service right from design to after sales.

Our goal is simple – we help you manage your space better!



About Fundermax

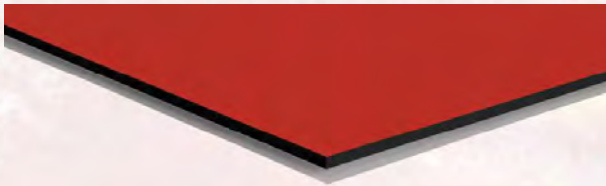
FunderMax is an Austrian company steeped in its rich tradition, culture and values. FunderMax has grown organically just like the raw material they use for their products. It has transformed from a small family owned business into an international leader in the industry. Their roots are in the art of wood processing. Their product portfolio includes the highest quality materials made from wood and laminates.

FunderMax is constantly growing and evolving. Pushing the boundaries of creativity, they are the industry's leading trendsetters. They provide dedicated service to their industrial and private sector clientele and are committed to their employees. FunderMax's ultimate goal is to inspire through their designs and produce high quality products that adds great value to their client's projects.



What Can Max Compact Interior Do?

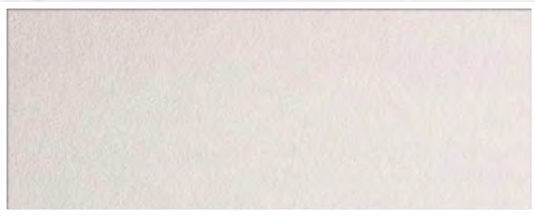
Fundermax compact interior panels are high-pressure laminate panels (HPL) manufactured to standard EN 438 that are produced in laminate presses under high pressure at high temperature. They are particularly suitable for demanding and decorative applications (e.g. furniture, office furniture, wall cladding, sanitary facilities etc.).



Properties*:

- | | | |
|--|---|---|
| <input type="checkbox"/> scratch resistant | <input type="checkbox"/> suitable for all interior applications | <input type="checkbox"/> bending resistant (EN ISO 178) |
| <input type="checkbox"/> solvent resistant | <input type="checkbox"/> decorative | <input type="checkbox"/> easy to install |
| <input type="checkbox"/> food grade | <input type="checkbox"/> self-supporting | <input type="checkbox"/> durable |
| <input type="checkbox"/> heat resistant | <input type="checkbox"/> abrasion proof | <input type="checkbox"/> resistant to chemicals |
| <input type="checkbox"/> easy to clean | <input type="checkbox"/> frost and heat resistant | |
| <input type="checkbox"/> hygienic | <input type="checkbox"/> -80°C bis +80°C | |
| <input type="checkbox"/> impact resistant (EN ISO 178) | | |

Standard Surface:



FH – FINE HAMMER EMBOSSED

Versatile, easy to clean and highly resistant. One of our classic surfaces which has proved itself in interior design for many years.

Premium Surface:



MT – MATT

This surface provides just the right balance between matt and shimmering elements. Impressive with its neutral appearance.

**May not be suitable in all applications.*

**Price varies based on SURFACE type*

**MT - only available in black or black F-quality core.*

TECHNICAL DATA SHEET

Grade: Standard
Standard Surface: FH
Length: 4100 mm / 2800 mm*
Width: 1854 mm / 1300 mm*
Thickness: 2 mm - 20 mm

FunderMax Compact Interior Panels (HPL) acc. to EN 438

Properties tested in acc. to EN 438-2	Unit of measurement	Max Compact		Max Compact F-Quality		Max Alucompact42		Max Alucompact Arrigo		Max Alucompact Quattro		Max Compact IP		Max Compact IP F-Quality		Max Resistance		Max Alucompact42 IP		Max Compact with white core	
		Standard ¹⁾	Value ²⁾	Value ²⁾	Value ²⁾	Value ²⁾	Value ²⁾	Value ²⁾	Value ²⁾	Value ²⁾	Value ²⁾	Value ²⁾	Value ²⁾	Value ²⁾	Value ²⁾	Standard ¹⁾	Value ²⁾				
Type acc. to EN 438		CGS	CGF									CGS	CGF								

Physical data

Apparent density DIN 52350/ISO 1183	g/cm ³	≥ 1,35	≥ 1,4	≥ 1,4	ca. 1,55	ca. 1,55	ca. 1,65	≥ 1,4	≥ 1,4	≥ 1,4	1,55	≥ 1,4	1,55
Weight	kg/m ²	14,0	14,0	15,5	15,5	16,5	14,0	14,0	14,0	14,0	15,5	15,5	

Mechanical properties

Resistance against stress abrasion	U	≥ 350	450	450	450	450	450	450	450	450	450	450	450	≥ 350	450
Falling ball impact resistance EN 438-2, point 21	mm	≤ 10	8	8					8	8	8				
Resistance against scratching EN 438-2, point 25	degr./scratch r.	≥ 3	3	3	3	3	3	3	3	3	3	3	3	3	3
Flexural strength EN ISO 178	MPa	≥ 4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N	4N
E-Modulus EN ISO 178	MPa	≥ 80	100	90	200	200	200	100	90	100	200	80	80		
Tensile strength EN ISO 527-2	MPa	≥ 9000	10000	9500	18000	18000	18000	10000	9500	10000	18000	9000	9000		
Susceptibility to cracking EN 438-2, point 24		≥ 60	60	80				60	80	60		60	60		
		4	5	5				5	5	5		3	4		

Thermal properties

Dimensional changes during climatic changes, measured at elevated temperatures EN 438-2, point 17	length. %	≤ 0,3	0,05	0,15	0,15	*)	*)	0,05	0,15	0,05	0,15	≤ 0,5	≤ 0,5
	cross. %	≤ 0,6	0,15	0,25	0,25			0,15	0,25	0,15	0,25	≤ 0,8	≤ 0,8
Resistance to boiling water EN 438-2, point 12	%	≤ 2,0	0,3	0,5	0,3	*)	*)	0,3	0,5	0,3	*)		
Coefficient of thermal expansion DIN 52328	1/K		20 x 10 ⁻⁶	20 x 10 ⁻⁶				20 x 10 ⁻⁶	20 x 10 ⁻⁶	20 x 10 ⁻⁶			
Thermal conductivity I	W/mK		ca. 0,3	ca. 0,3				ca. 0,3	ca. 0,3	ca. 0,3			
Resistance to vapour diffusion			17.200μ		730.000μ			17.200μ		17.200μ	730.000μ		
Surface resistance DIN 53482	Ohm		10 ² -10 ¹¹	10 ² -10 ¹¹				10 ² -10 ¹¹	10 ² -10 ¹¹	10 ² -10 ¹¹			
Resistance to cigarette burns EN 438-2, point 30	Degree	≥ 3		5 - no visible changes ³⁾								≥ 3	5
Resistance to hot soucepans EN 438-2, point 16	Degree	≥ 4		5 - no visible changes, no blisters or cracks ⁴⁾								≥ 4	5
Heating value	MJ/kg		18 - 20										

Optical properties

Light fastness no. EN 438-2, pt. 27 ⁵⁾ Level	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4
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Table 2

Fire behavior

Reaction to fire classification	Compact Interior		Compact Interior F-Quality	
	Europe EN 13501-1 Euroclass	D-s2, d0		B-s2, d0/B-s1, d0 ⁶⁾
Austria A3800/1	Tr1, Q1		Tr1, Q1	
Switzerland fire classification			5(200 ³⁾	
Germany DIN 4102	B2		B1	

Table 3

¹⁾ according to EN 438

²⁾ Average values of production control

³⁾ Slight change in glossy finish, yellow or light brown colours are permitted by EN 438

⁴⁾ Slight change in glossy finish permitted by EN 438

⁵⁾ grey scals after light exposure acc. blue wool scale 6

⁶⁾ for 6-20 mm if mounted with max. gap of 15 mm acc. to classification Report MA39-VFA2014-1629

*) These qualities are only suitable for inner lining. The panels should not be exposed to high fluctuations of temperature or moisture. (Recommended range: +15 -+35°C, 30 -70% rel. to air moisture)

*Sheet size varies based on finish type.

*Panels are guaranteed for 10 years warranty from the delivery date.



*Brand your space to convey
your business philosophy*





2124 Camomilla



0010 Mango



0011 Mandarin



0210 Intensive Red



0318 Ruby Red



0013 Minola



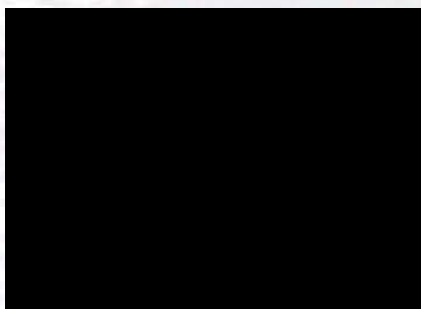
0174 Terrana



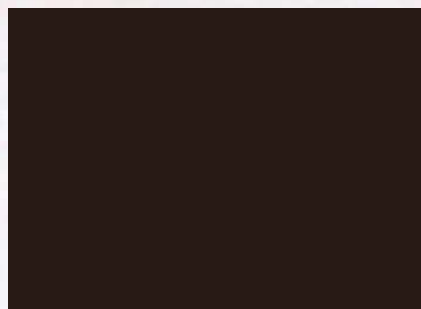
0020 Ballerina



0018 Divaro



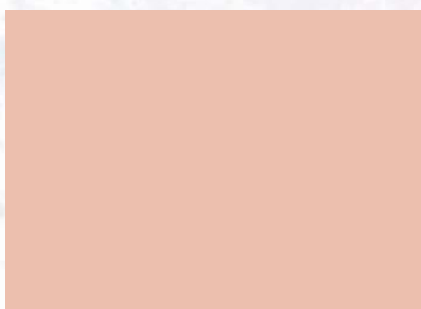
0080 Black



0648 Dark Brown



2206 Fango



0019 Rosalie



0630 Sea Green



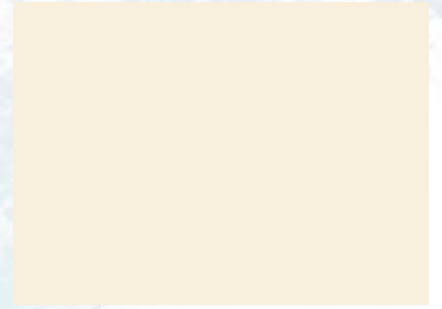
0042 Marino



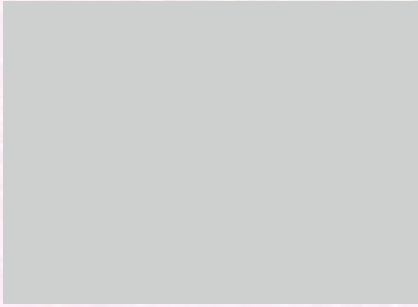
0725 Yellowish Green



0755 Warm Grey Dark



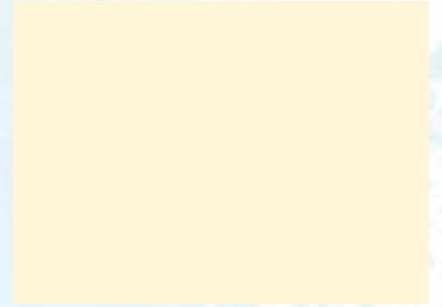
0733 Hygienic White



0730 Ash Gray



0753 Cool Grey Medium



0851 Winter White



0718 Arctic



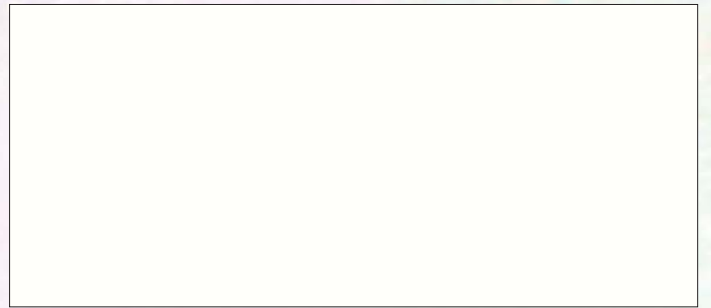
0717 Atlantic



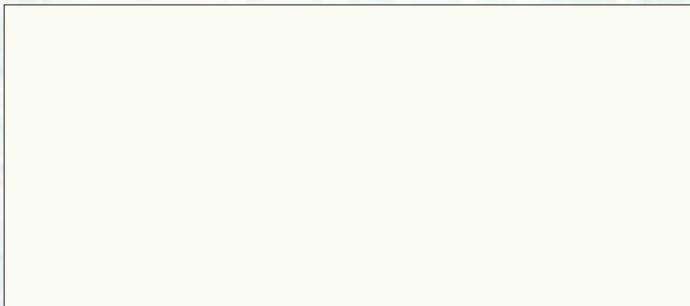
0023 Lamar



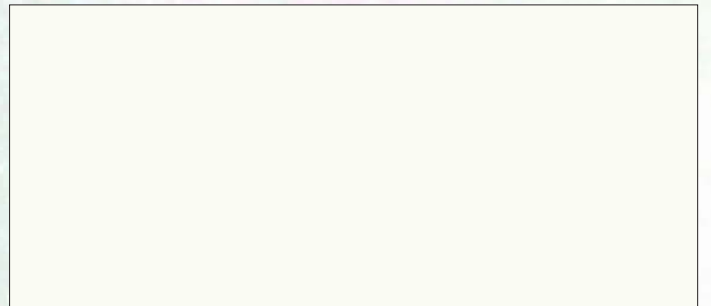
2313 Ceramic White



2286 White Syringa



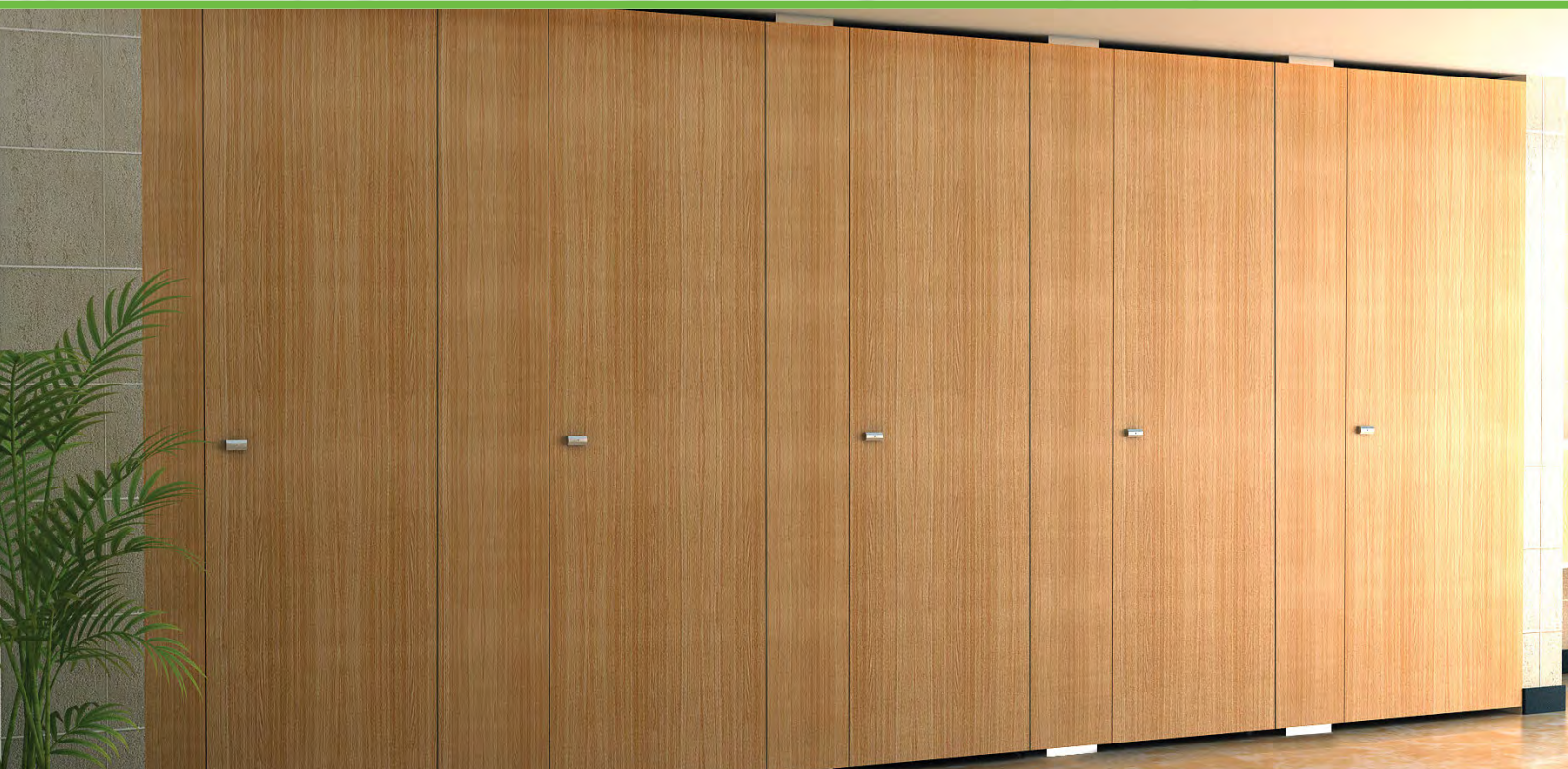
0112 Top White



0085 White



Bring the outdoors in
Get inspired by the diversity of nature

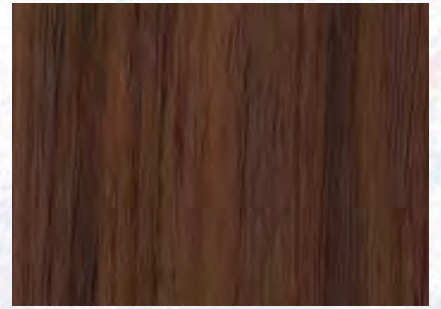




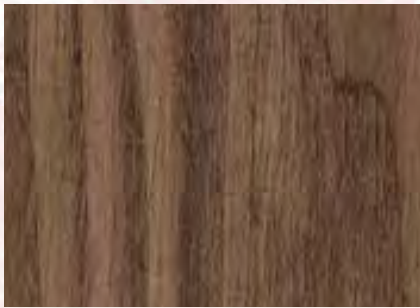
0102 Maple



0252 Madera



0269 Tosca



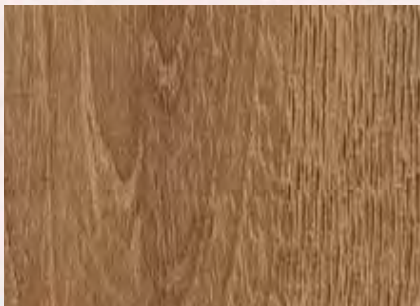
0260 Arezzo



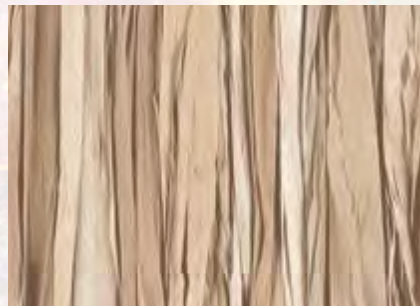
0290 Akari



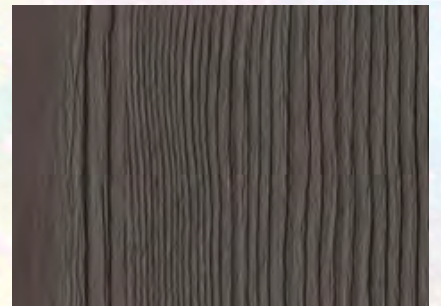
0411 Albatros



0538 Charles



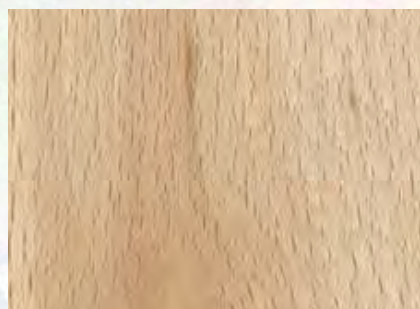
0720 Natural Savanna



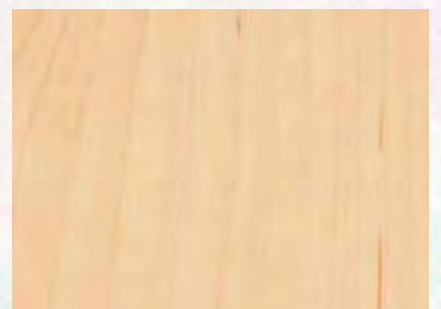
0474 Calimero



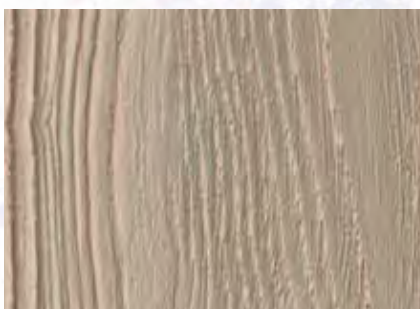
0599 Orca



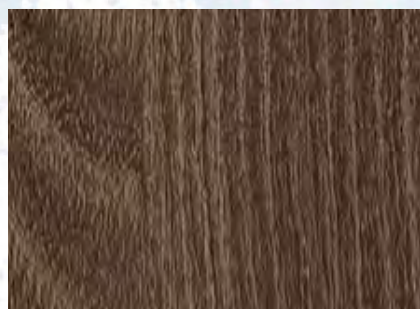
0813 Rocco



0171 Tundra Birch



0424 Callisto



0244 Santos



0175 Knot Fir



0291 Beech II



0047 Wild Beech



0125 Natural Oak



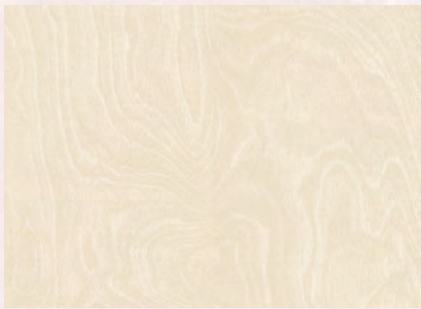
0320 Sereno



0331 Fortuna



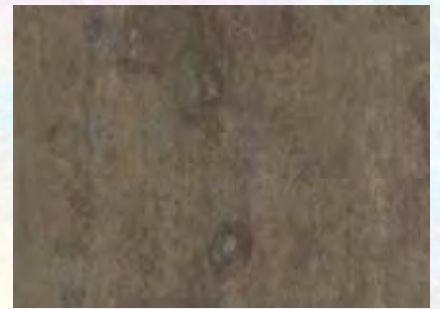
0417 Apollo



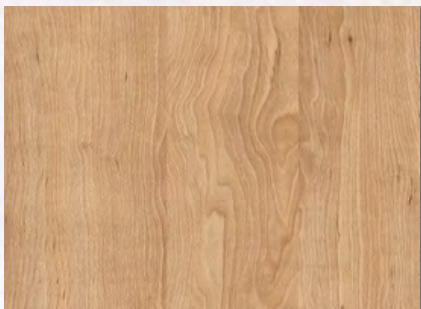
0186 Margo



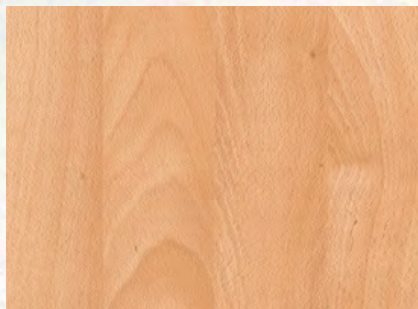
0229 Silvretta



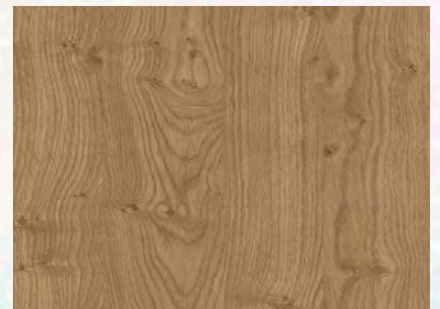
0540 Aristo



0332 Mirabell



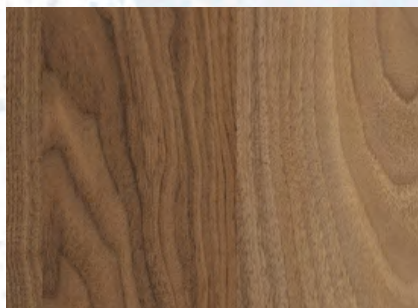
0157 Obir Beech



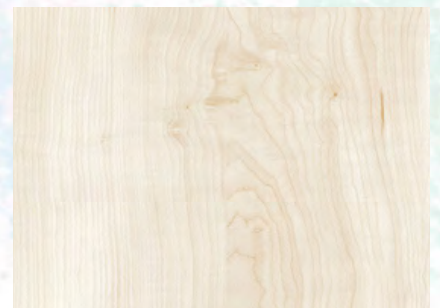
0048 Cognac Oak



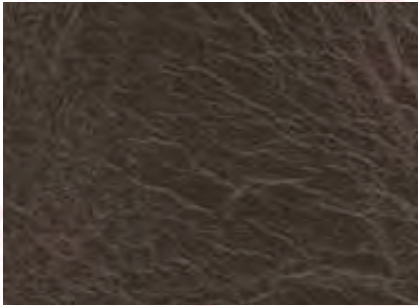
0049 Stone Oak



0811 Cello



0179 Lunara



0528 Saloon



0567 Manga



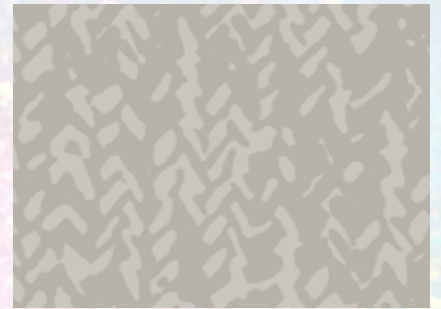
0328 Brushed Aluminium



0493 Prisma



0569 Domus



0527 Lana



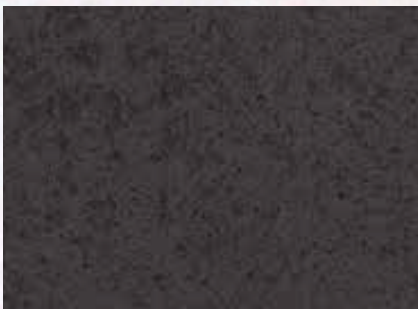
0499 Linea



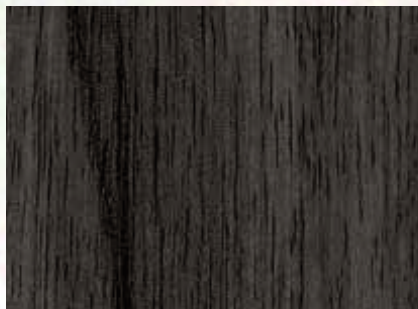
0505 Vesper



0565 Polaris



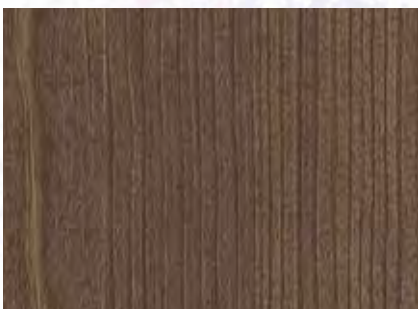
0566 Kara



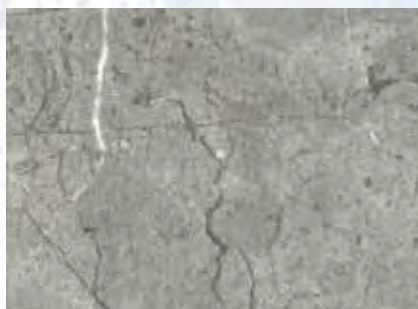
0534 Monsun



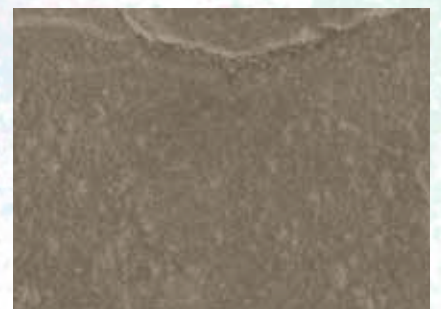
0533 Sphinx



0469 Barista



0585 Castello



0590 Adora



Be different. Be inspired. Bring your vision to life.
Let your ideas come to life with our unique interior products.



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