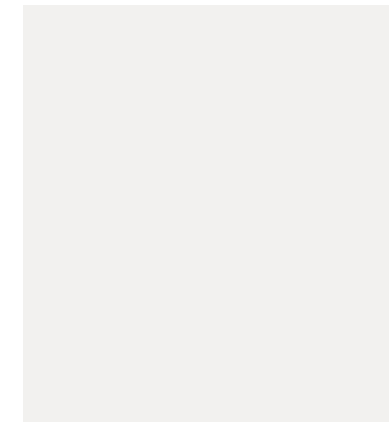


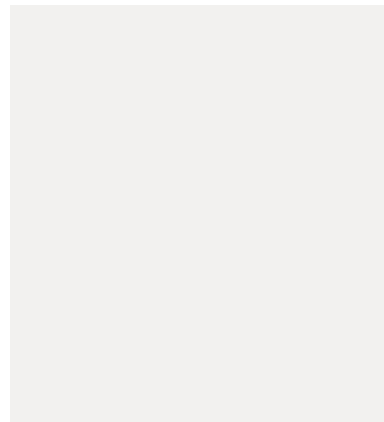


ASD LAMINAT

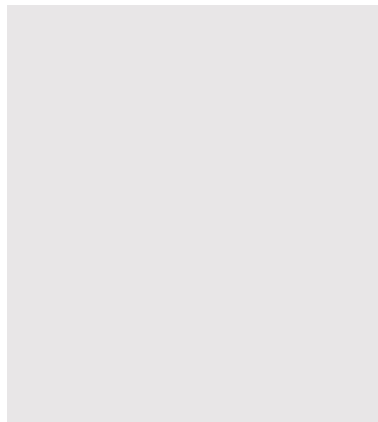
CARBON



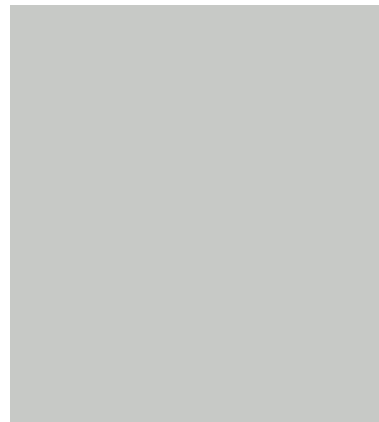
Carbon White
8102



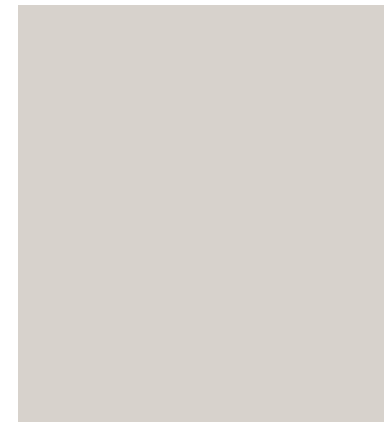
Carbon Snow White
8108



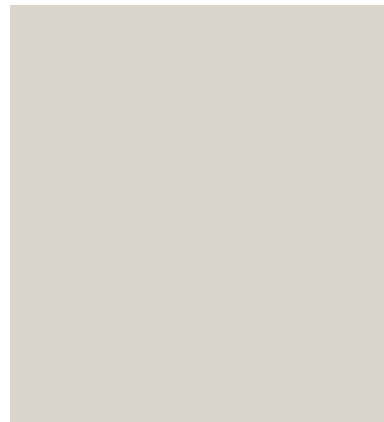
Carbon Cashmere
8115



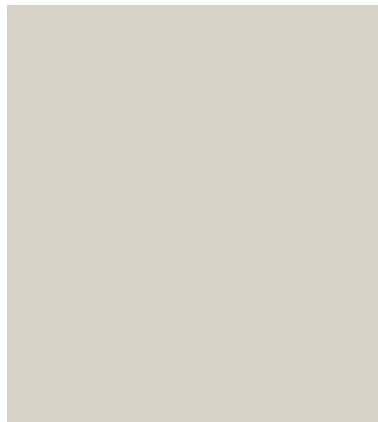
Carbon Grey
8105



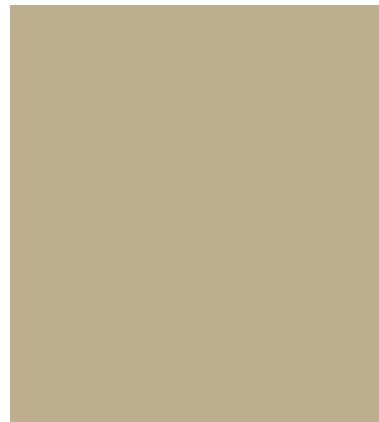
Carbon Platinum Grey
8109



Carbon Grey White
8116



Carbon Grey Beige
8110



Carbon Sand
8106



Carbon Beige
8104



Carbon Warm Grey
8107



Carbon Brown Beige
8121



Carbon Red Brown
8120



Carbon Black Red
8119



Carbon Grey Brown
8117



Carbon Black Green
8114



Carbon Anthracite
8103



Carbon Black
8101



Carbon Pigeon Blue
8113



Carbon Azure Blue
8112



Carbon Black Blue
8111



Carbon Pastel Violet
8118

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LAMINAT

CARBON



Advantages

A unique application on the decorative layer adds a silky and smooth tactual user experience to the Carbon product. Its high resistance to micro-scratches and abrasion enables the prevention of surface deformations formation and ensures a long-lasting effect. In the event of non-deep scratches, cleaning this scratched part with a soft fabric will return the product to its original state. Carbon is a highly matte surface that is fingerprint resistant, has close to zero gloss (shining) value, and has intense light-absorbing homogeneous color distribution.

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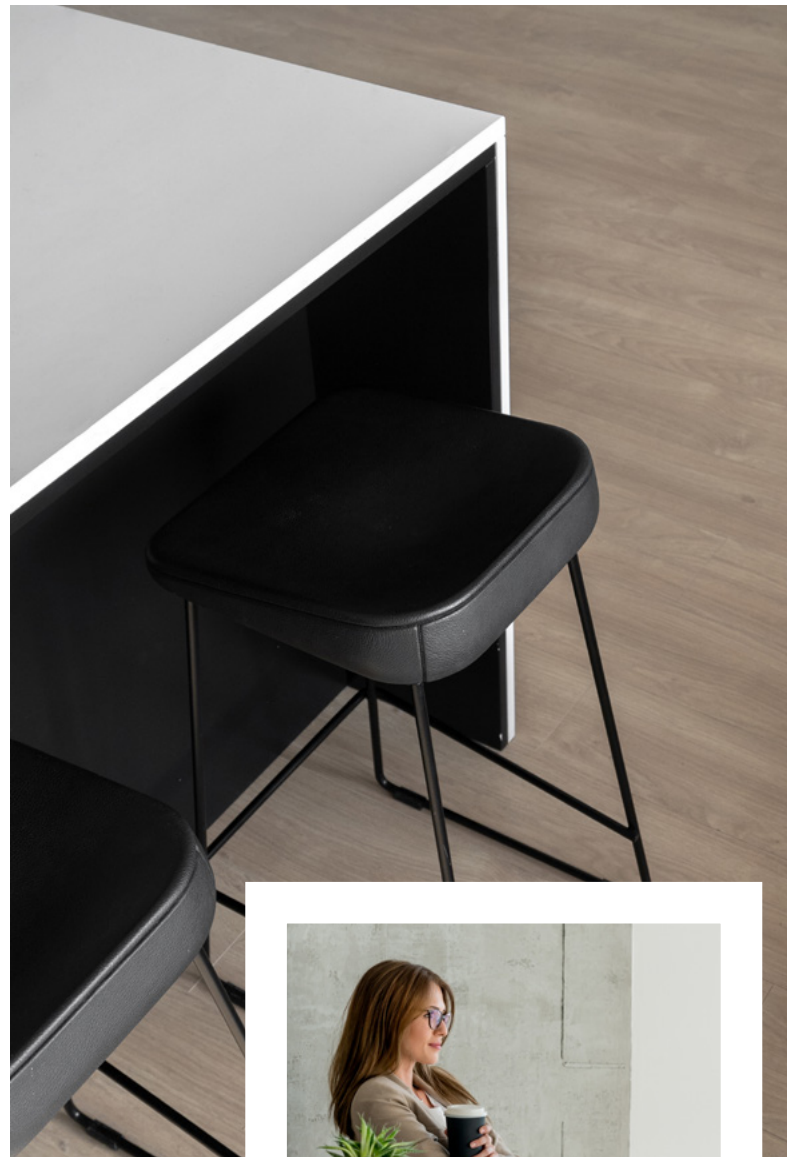


Exquisite Matte / Velvety Feel

With its unique decorative surface, upon touch Carbon provides a silky and smooth sensation.



ASD LAMINAT CARBON



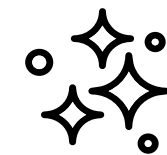
Kitchen Surfaces

With 12 mm, 18 mm, and 20 mm thickness alternatives, it can be used as a kitchen counter, and it delivers a clean look to the counter. It gives a striking and luxurious feeling and is durable and long-lasting. Can be with grey, white, black, brown or magnolia kraft.



Offices

With its high resistance to scratches, ASD Carbon provides a comfortable user experience in intensive usage spaces such as office settings.

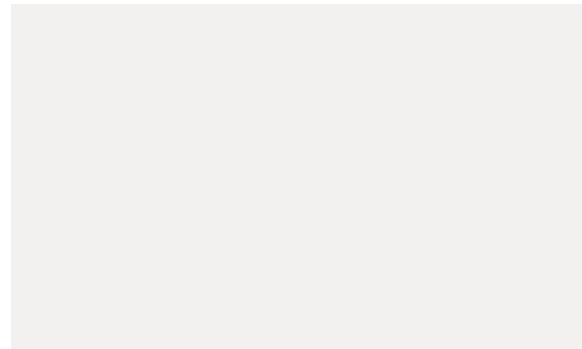


Hygienic Environments

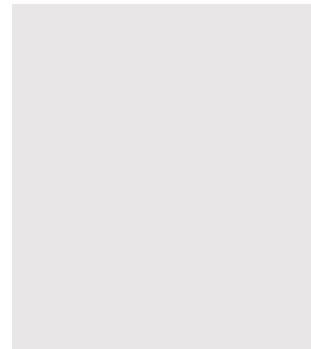
With its antibacterial and antimicrobial aspect, it prevents the transmission of unhealthy bacteria and microbes. Appropriate for environments that require frequent cleaning and sanitation.

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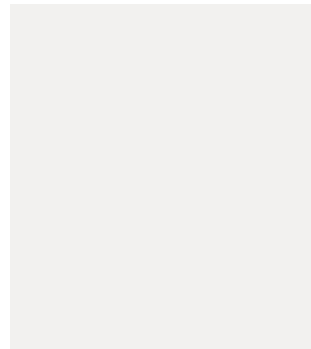
CARBON



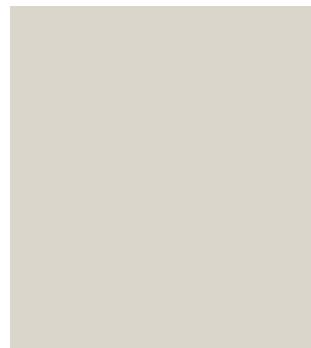
Carbon White
8102



Carbon Cashmere
8115



Carbon Snow White
8108

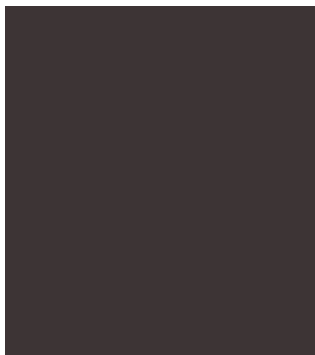


Carbon Grey White
8116

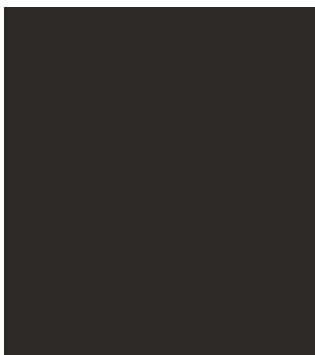
Carbon Platinum Grey
8109

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CARBON



Carbon Grey Brown
8117

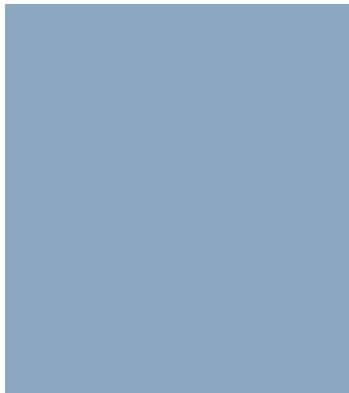


Carbon Black
8101



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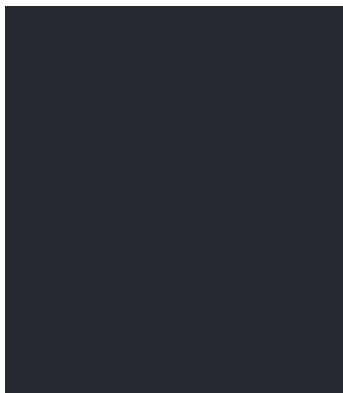
CARBON



Carbon Pigeon Blue
8113



Carbon Grey
8105



Carbon Black Blue
8111



Carbon Azure Blue
8112

Carbon Pigeon Blue
8113

ASD
LAMINAT

CARBON

Carbon Azure Blue
8112

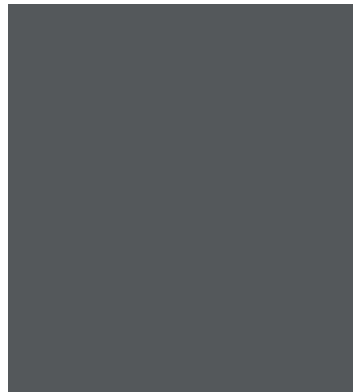


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CARBON



Carbon Brown Beige
8121

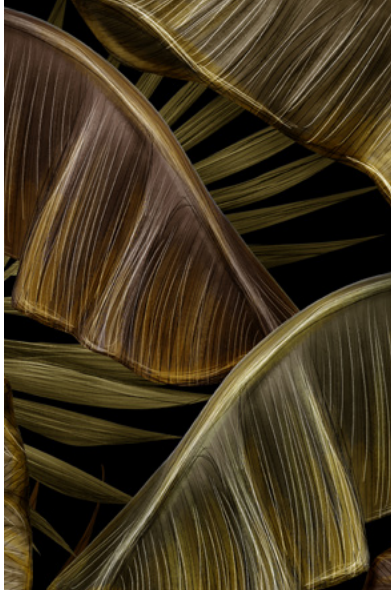


Carbon Anthracite
8103



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CARBON

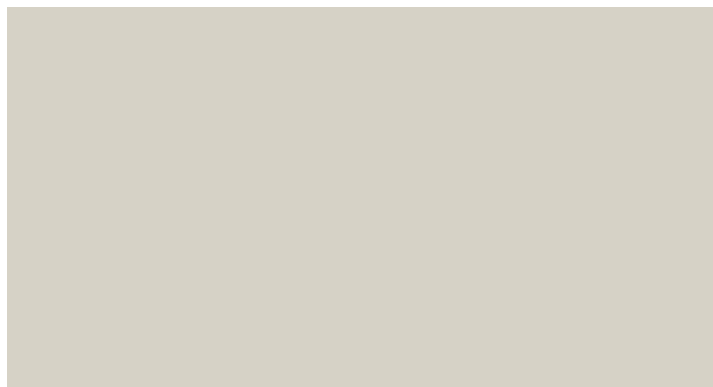


Carbon Sand
8106

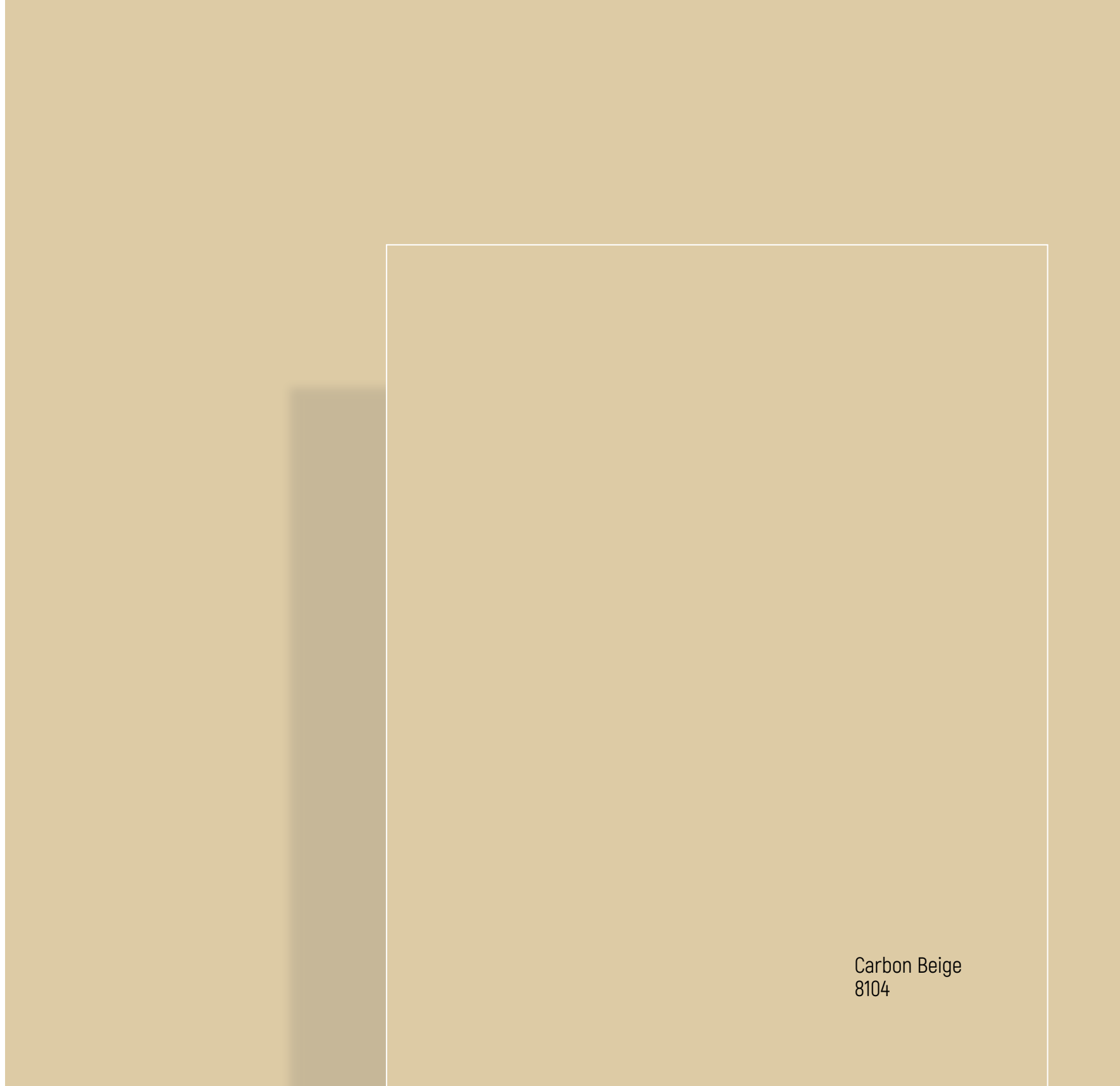
Carbon Black Green
8114



Carbon Warm Grey
8107



Carbon Grey Beige
8110



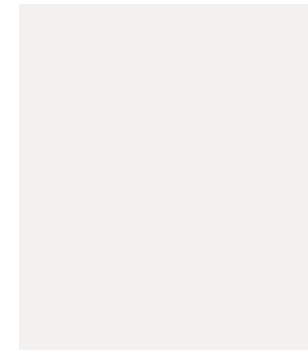
Carbon Beige
8104

Carbon Red Brown
8120

Carbon Black Red
8119



Carbon Pastel Violet
8118



Carbon Snow White
8108

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CARBON



ASD LAMINAT CARBON

Production Dimensions

1220mm x 2440mm*

1300mm x 3050mm*

1400mm x 4200mm*

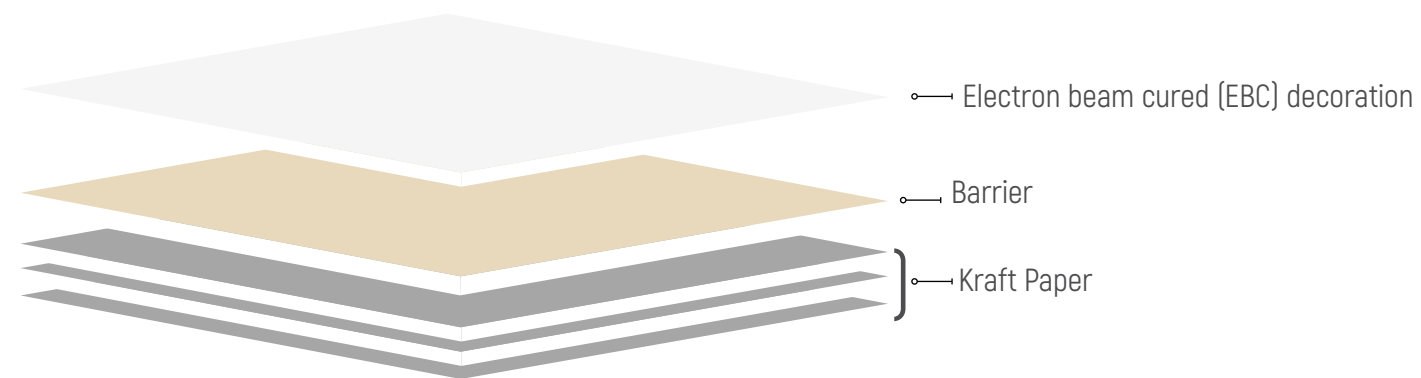
Surface

Carbon

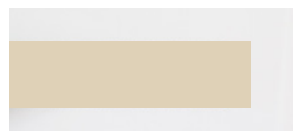
Standards

EN 438.3 (for thin laminate) & EN 438.4 (for compact laminate)

Structure



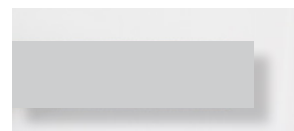
Brown / KRAFT



Magnolia / KRAFT



Black / KRAFT



Grey / KRAFT



White / KRAFT

* For dimensions other than standard ones, please contact your ASD Laminat sales representative.



Carbon | ASD Interior Compact

Technical Data Sheet

Properties	Test Method	Property or Attribute	Unit (max or min)	Values
				CGS
Surface Quality				
Surface Quality	EN-438-4	Spots, dirt and similar surface defects	mm²/m²	≤1
		Fibres, hairs and scratches	mm/m²	≤10
Dimensional Tolerances				
Dimensional Tolerances	EN 438-2.5	Thickness tolerance	mm	2,0≤t<3,0: +/-0,20
				3,0≤t<5,0: +/-0,30
				5,0≤t<8,0: +/-0,40
				8,0≤t<12,0: +/-0,50
				12,0≤t<16,0: +/-0,60
	16,0≤t<20,0: +/-0,70			
	20,0≤t25,0<25,0: +/-0,80			
EN 438-2.6	Length and width	mm	+10/-0	
EN 438-2.7	Straightness of edges	mm/m	≤1,5	
EN 438-2.8	Squareness	mm/m	≤1,5	
EN 438-2.9	Flatness	mm/m	2,0≤t<6,0:≤8	
			6,0≤t<10:≤5	
			10,0≤t:≤3	
General Properties				
Resistance to surface wear	EN 438-2.10	Wear Value	Revolution	≥ 350
Resistance to immersion in boiling water	EN 438-2.12	Mass increase 2≤t<5	%	5,0
		Mass increase t≥5	%	2,0
		Thickness increase 2≤t<5	%	6,0
		Thickness increase t≥5	%	2,0
		Appearance (surface)	Rating (min)	4
		Appearance (edge)	Rating (min)	3
Resistance to water vapor	EN 438-2.14	Appearance (smooth finishes)	Rating (min)	4
Resistance to dry heat (160°C)	EN 438-2.16	Appearance	Rating (min)	4
Resistance to wet heat (100°C)	EN 438-2.18	Appearance	Rating (min)	4
Dimensional stability at elevated temperature	EN 438-2.17	Cumulative dimensional change 2≤t<5 mm	Longitudinal (%)	≤0,40
		Cumulative dimensional change 2≤t<5 mm	Transversal (%)	≤0,30
		Cumulative dimensional change 5 mm ≤ t	Longitudinal (%)	≤0,80
		Cumulative dimensional change 5 mm ≤ t	Transversal (%)	≤0,60
Resistance to impact with large diameter ball	EN 438-2.21	Indentation diameter 2≤t<6	mm	h 1400*/ d≤10**
		Indentation diameter t≥6	mm	h 1800*/ d≤10**
Resistance to crazing	EN 438-2.24	Appearance	Rating (min)	4
Resistance to scratching	EN 438-2.25	Appearance-Smooth Finish	Rating (min)	4
		Appearance-Textured Finish	Rating (min)	4
Resistance to staining	EN 438-2.26	Appearance- Group 1&2	Rating (min)	5
		Appearance- Group 3	Rating (min)	4
Light fastness (Xenon-arc)	EN 438-2.27	Contrast	Grey scale rating	4-5
Flexural modulus	EN ISO 178	Stress	Mpa (min)	9000
Flexural strength	EN ISO 178	Stress	Mpa (min)	80
Density	EN ISO 1183	Density	g/cm³ (min)	≥1,35
Formaldehyde emission (6mm)	EN 717-1	Gas analysis	mg/(m²*h)	0,03

*h : Drop Height **d: Indentation Diameter

Carbon | Laminate

Technical Data Sheet

Properties	Test Method	Property or Attribute	Unit (max or min)	Values
				HGS / HGF
Surface Quality				
Surface Quality	EN-438-4	Spots, dirt and similar surface defects	mm²/m²	≤1
		Fibres, hairs and scratches	mm/m²	≤10
Dimensional Tolerances				
Dimensional Tolerances	EN 438-2.5	Thickness tolerance	mm	0,7≤t≤1,0mm:±0,10 mm 1,0<t<2,0mm:±0,15 mm
	EN 438-2.6	Length and width	mm	+10/-0
	EN 438-2.7	Straightness of edges	mm/m	≤1,5
	EN 438-2.8	Squareness	mm/m	≤1,5
	EN 438-2.9	Flatness	mm/m	≤60
General Properties				
Resistance to surface wear	EN 438-2.10	Wear Value	Revolution	≥ 350
Resistance to water vapor	EN 438-2.14	Appearance	Rating (min)	4
Resistance to dry heat (160°C)	EN 438-2.16	Appearance	Rating (min)	4
Resistance to wet heat (100°C)	EN 438-2.18	Appearance	Rating (min)	4
Dimensional stability at elevated temperature	EN 438-2.17	Cumulative dimensional change 2≤t<5 mm	Longitudinal (%)	≤ 0,55
		Cumulative dimensional change 2≤t<5 mm	Transversal (%)	≤ 1,05
Resistance to impact with small diameter ball	EN 438-2.20	Spring Force	N	20
Resistance to impact with large diameter ball	EN 438-2.21	Drop height	mm	≥ 1000
		Indentation diameter	mm	≤ 10
Resistance to cracking under stress	EN 438-2.23	Appearance (Smooth finishes)	Rating (min)	3
		Appearance (Textured finishes)	Rating (min)	4
Resistance to scratching	EN 438-2.25	Appearance-Smooth Finish	Rating (min)	4
		Appearance-Textured Finish	Rating (min)	4
Resistance to staining	EN 438-2.26	Appearance- Group 1&2	Rating (min)	5
		Appearance- Group 3	Rating (min)	4
Light fastness (Xenon-arc)	EN 438-2.27	Contrast	Grey scale rating	4-5
Density	EN ISO 1183	Density	g / cm³ (min)	≥1,35
Formaldehyde emission	EN IAO 12460-3	Gas analysis	mg/(m²*h)	0,3

A photograph of two children, a girl and a boy, running through a field of tall grass. The girl is on the left, wearing a yellow jacket and red shorts. The boy is on the right, wearing a yellow and black striped shirt and dark shorts. They are both smiling and have their arms outstretched. In the background, several wind turbines are visible against a bright, hazy sky. The overall scene conveys a sense of nature, freedom, and sustainable living.

SUSTAINABILITY

We believe that the things we want to change in the world can change, starting with ourselves; hence, we believe in living in natural harmony with the planet we live on. As an outcome of our effort to take good care of our planet, for many years sustainability has become a part of our corporate identity. The love and respect we carry for natural life have led us to apply controlled, comprehensive, and minimum waste-based policies to all our systems, to preserve its continuity. ASD Laminat boards do not contain heavy metals, organic halogen, chlorine, fluorine, bromine, asbestos, wood protection chemicals, pesticides, sulfur, hydrargyrum, or cadmium waste. On average, 70% of ASD Laminat product embodies natural wood. We supply our raw materials from institutions that are owners of an FSC™ certificate. International FSC™ standards ensure that all necessary conditions for sustainable forestry are met while supplying raw materials.