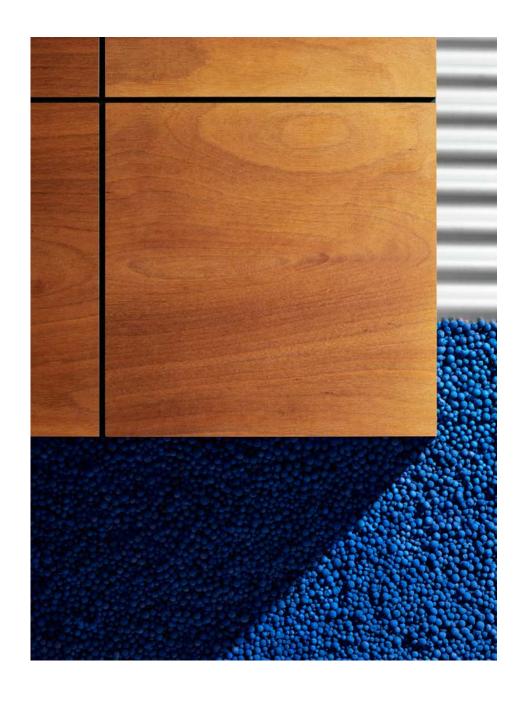
FACADE CLADDING

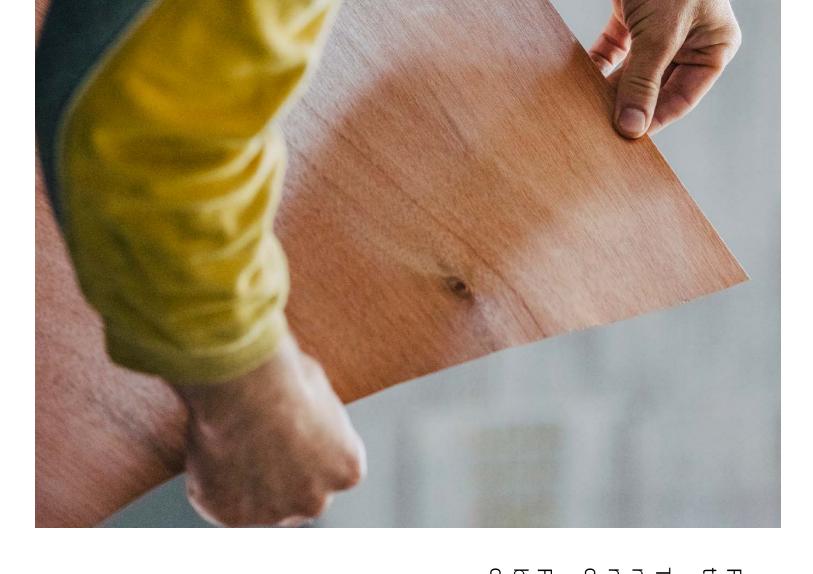


Parklex®



FACADE CLADDING

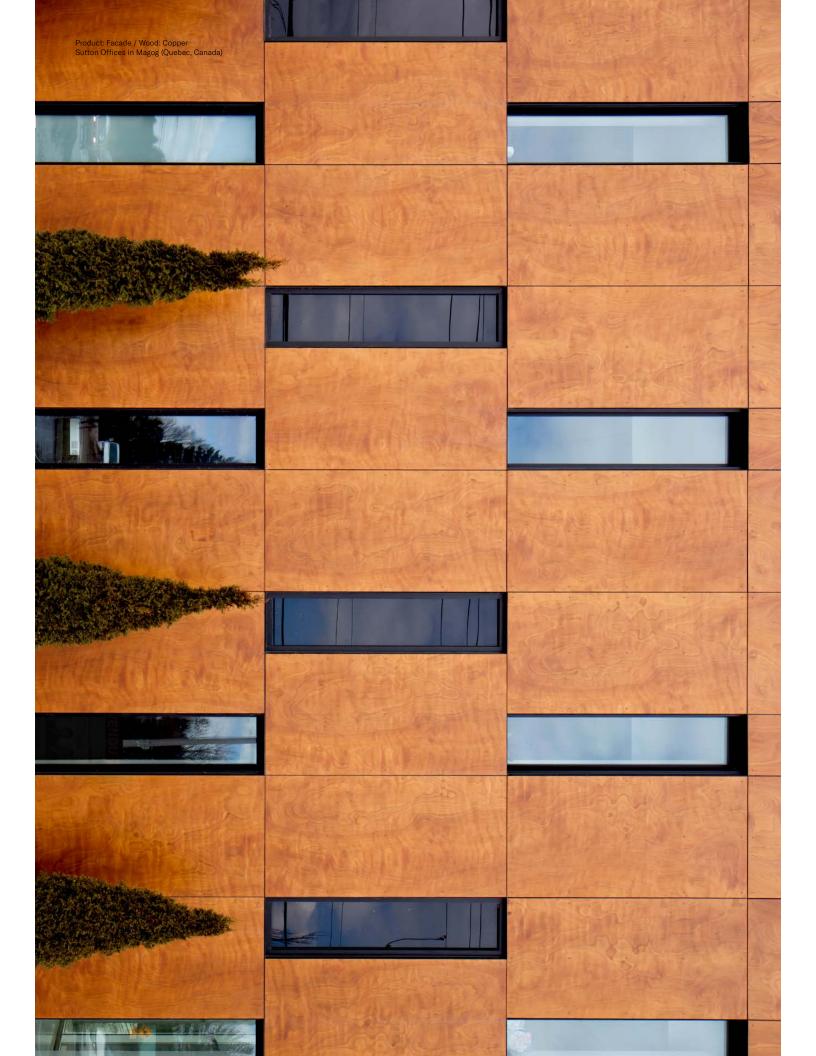
Parklex®



Facade is a laminated wood board for exteriors that requires zero maintenance.

The panels combine the virtues of wood, its natural warmth and beauty, with technical requirements to ensure optimum performance on exteriors over time.

Facade can be installed as a ventilated façade by way of louvres or overlapping slats, on false ceilings and on curved walls.



Zero maintenance wood

The surface composition of the Facade boards protects the wood from the most extreme weather conditions, removing any need for subsequent treatment.

Weather resistance

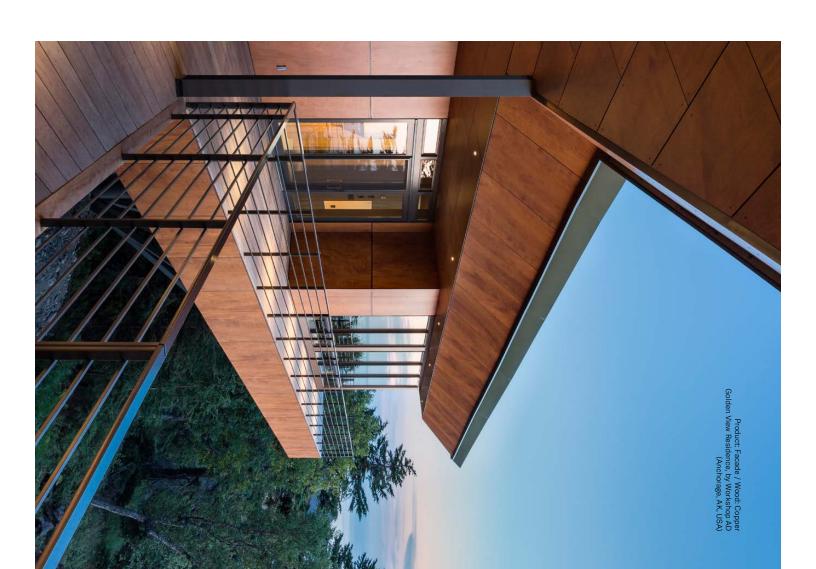
The EN 438-6:2005 European standard specifies that compact exterior cladding such as Facade must offer a certain resistance to weather according to the Resistance to Artificial Weathering Test. After 3000 hours of exposure, the material should have a rating variation of ≥4 in appearance, and a rating of ≥3 in contrast. Facade attains these values following exposure of up to 5 times greater than regulatory requirements.

Fire safety

The basic safety requirements reduce the risk of damage caused by accidental fire due to the characteristics of the project, construction, use and maintenance of the building to acceptable limits. Facade has achieved the best possible result for organic materials under regulations EN 13.501 and US ASTM/NFPA for reaction to fire, which means that our products are approved all over the world.

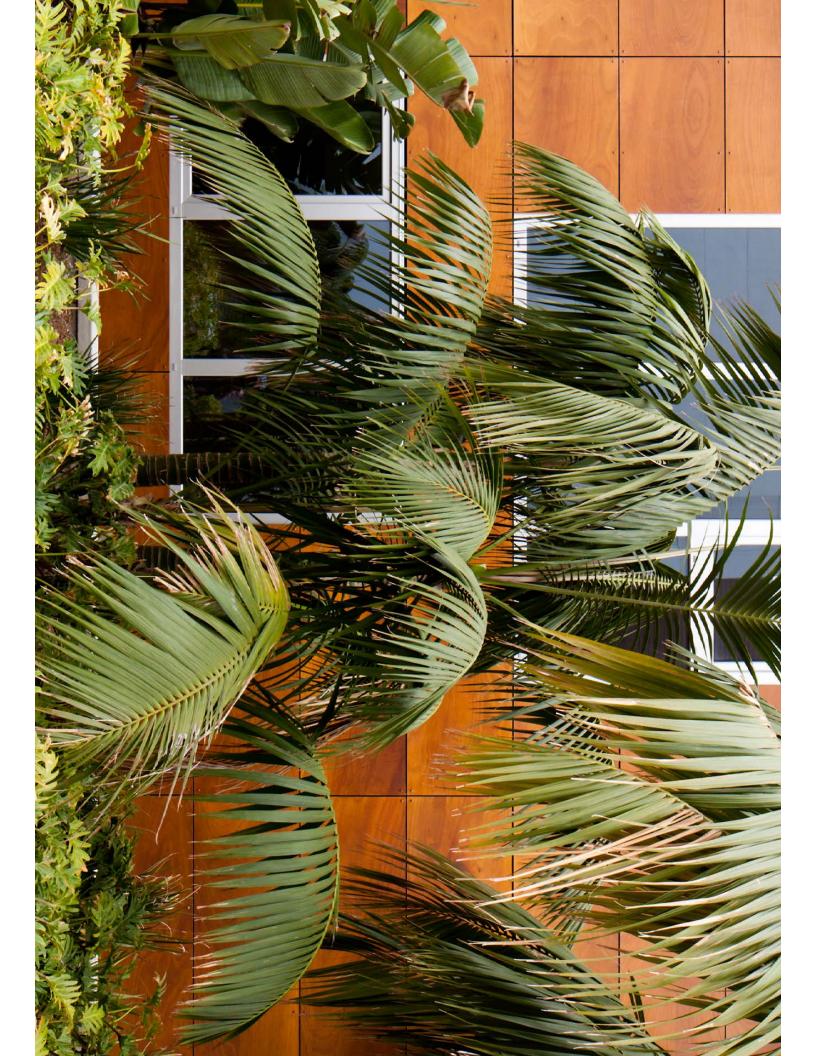
Installation versatility

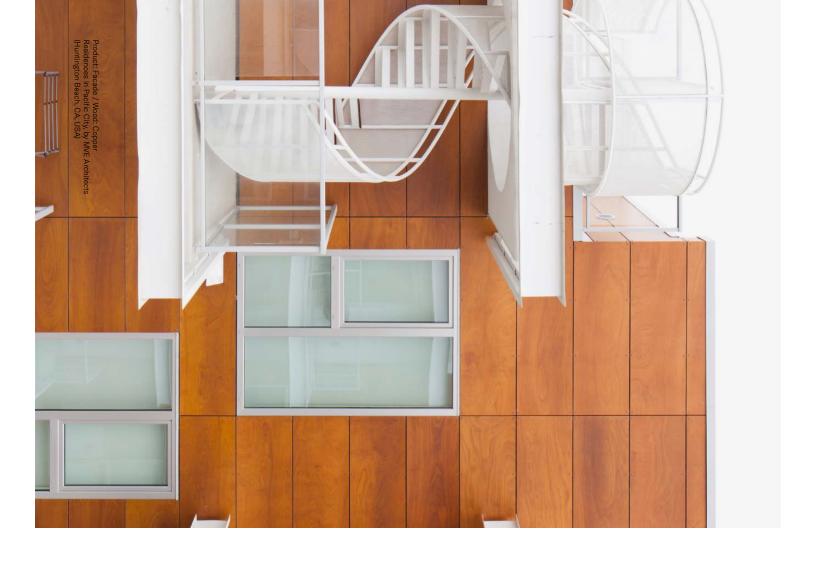
Facade can be installed as a ventilated façade by way of louvres or overlapping slats, on false ceilings and on curved walls. It has four different installation systems, which makes them easily adaptable to any kind of architectural requirement.

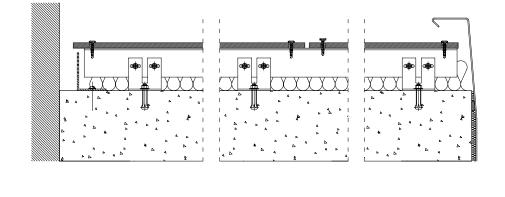




Product: Facade / Woods (from left to right): Gold, Onyx, Copper Residences in Pacific City, by MVE Architects (Huntington Beach, CA, USA)





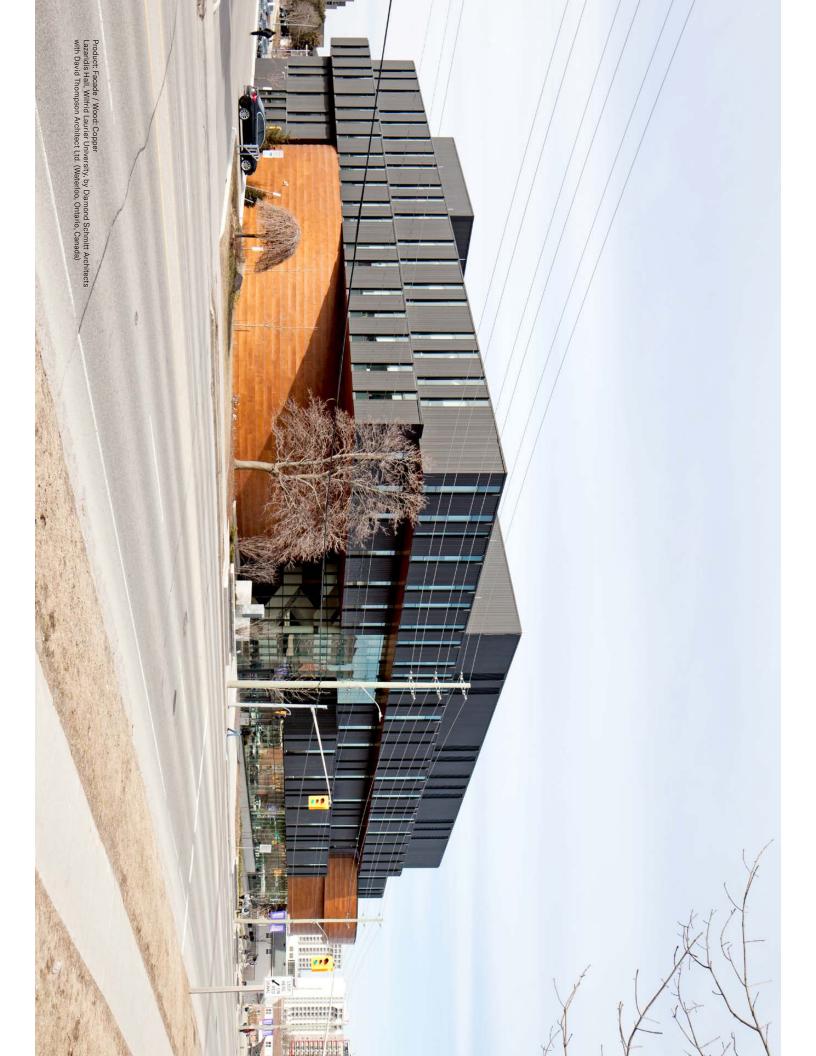


The ventilated façade is an efficient bioclimatic architecture solution that provides thermal insulation. In other words, it reduces heat dissipation in the cold months and heat absorption in the warmer months, resulting in a marked improvement in comfort inside the building.



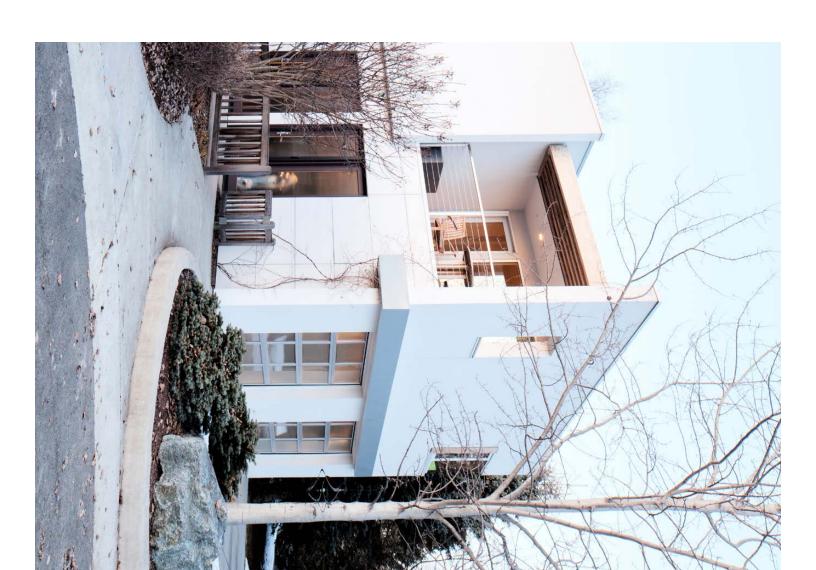
Product: Facade / Wood: Onix Manning Toronto, by Richard Wengle Architects Inc. (Toronto, ON, Canada)

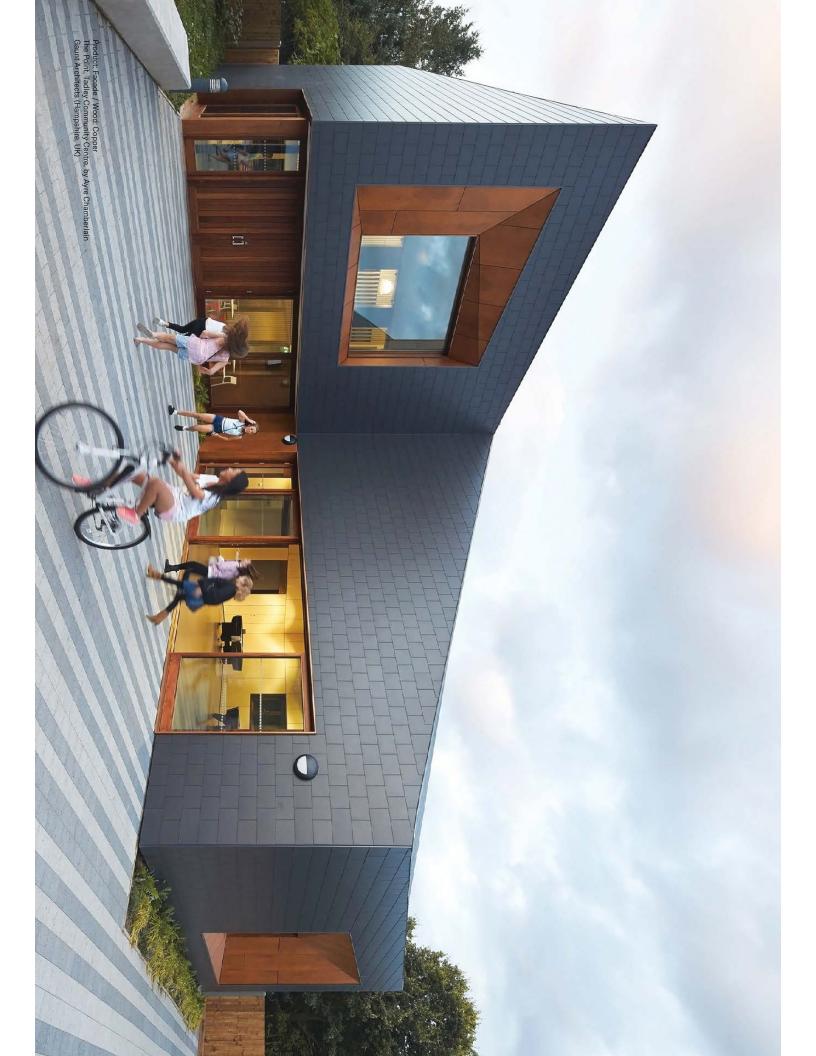






Product: Facade / Wood: Quartz Product: Facade / Wood: Quartz Turnagain Beach House Anchorage, by KPB Architects (Alaska, AK, USA)

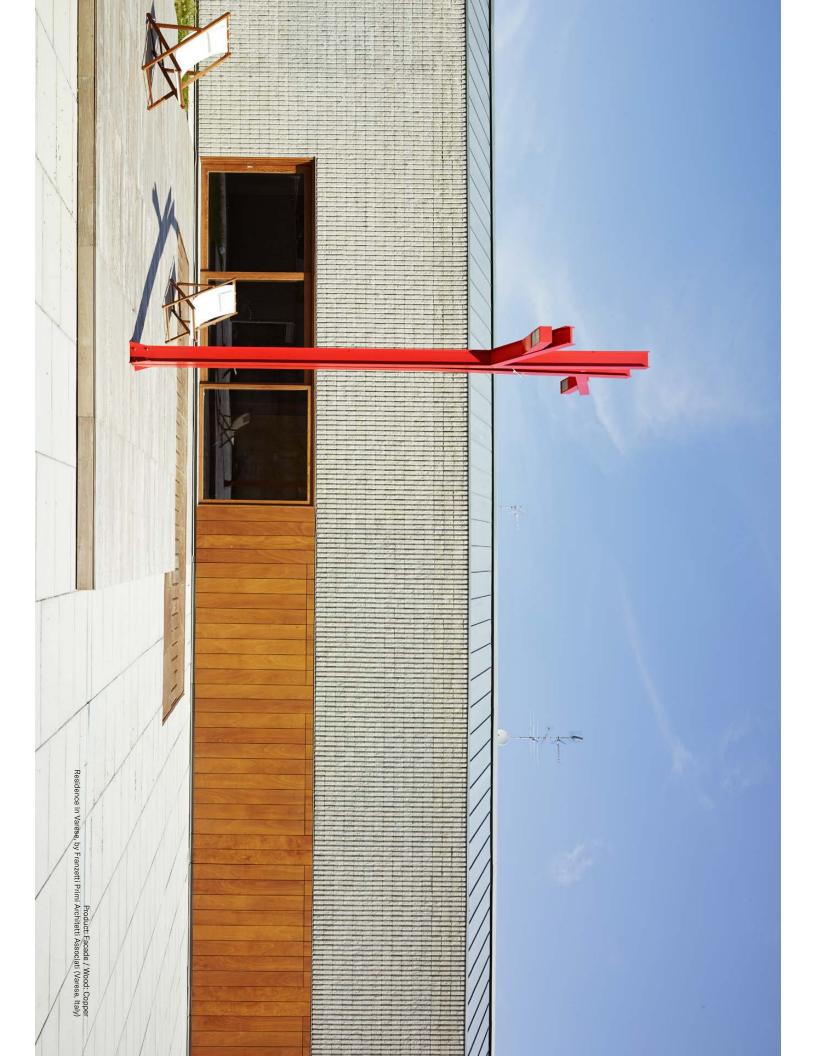






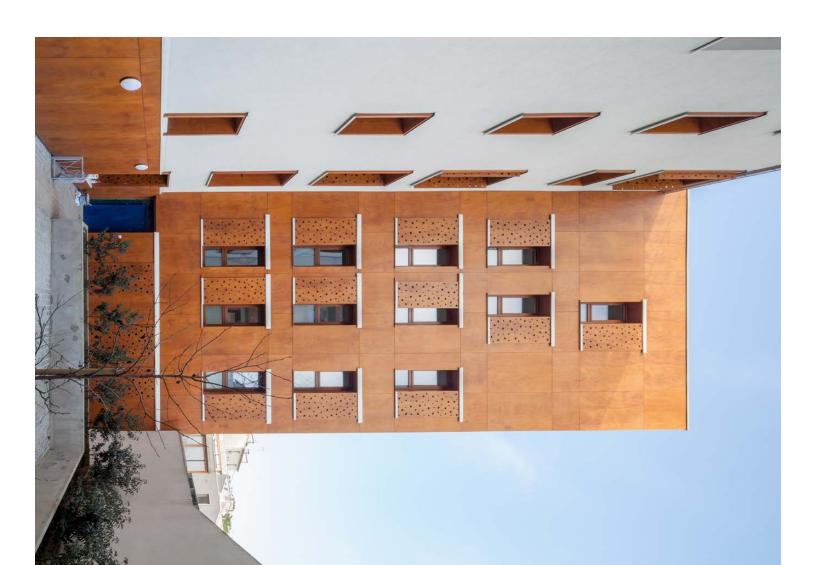
Residence in Varese, by Franzetti Primi Architetti Associati (Varese, Italy)







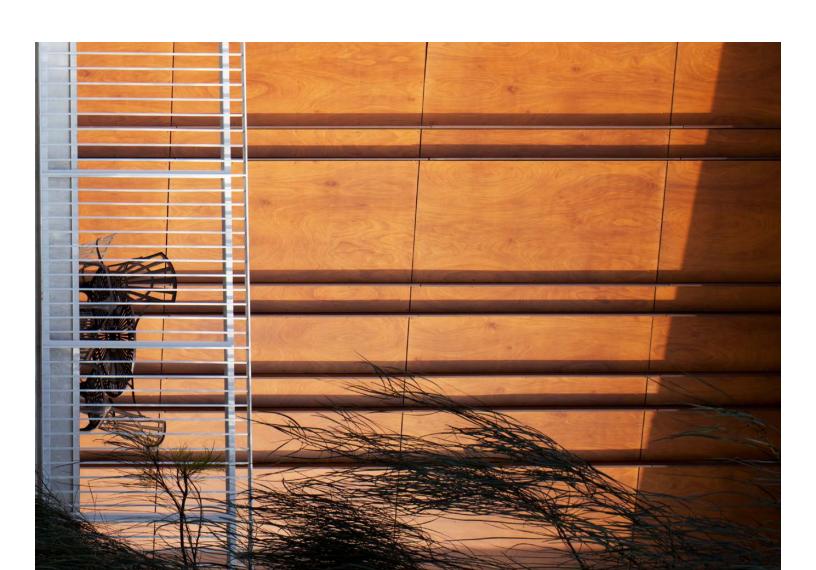
Product: Facade / Wood: Copper Residences in Rue des Orteaux, by Bob361 Architectes (Paris, France)







Product: Facade / Woods: Copper and Antra Gateway Apartments, by Brooks+Scarpa Architects (Marina Del Rey, CA, USA)



shades that are obtained through ayous or okume veneer, which we get from forests

The Facade panels are available in nine that respect controlled felling.







Due to the fact that wood is a natural product, each weneer must be considered as unique. The presence of slight differences in colour and structure is normal. Feculiarities such as knots or resin inclusions are not considered to be defects, but as part of the decoration. Depending on the species and the source of the wood, differences in performance may be observed, as regards the colour's light fastness. For this reason, no claims will be admitted on the basis of changes in tone between the sample and the end product.





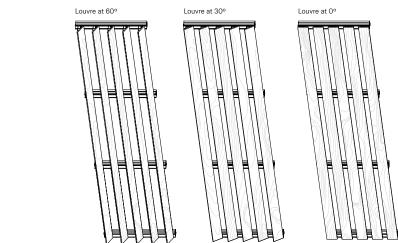






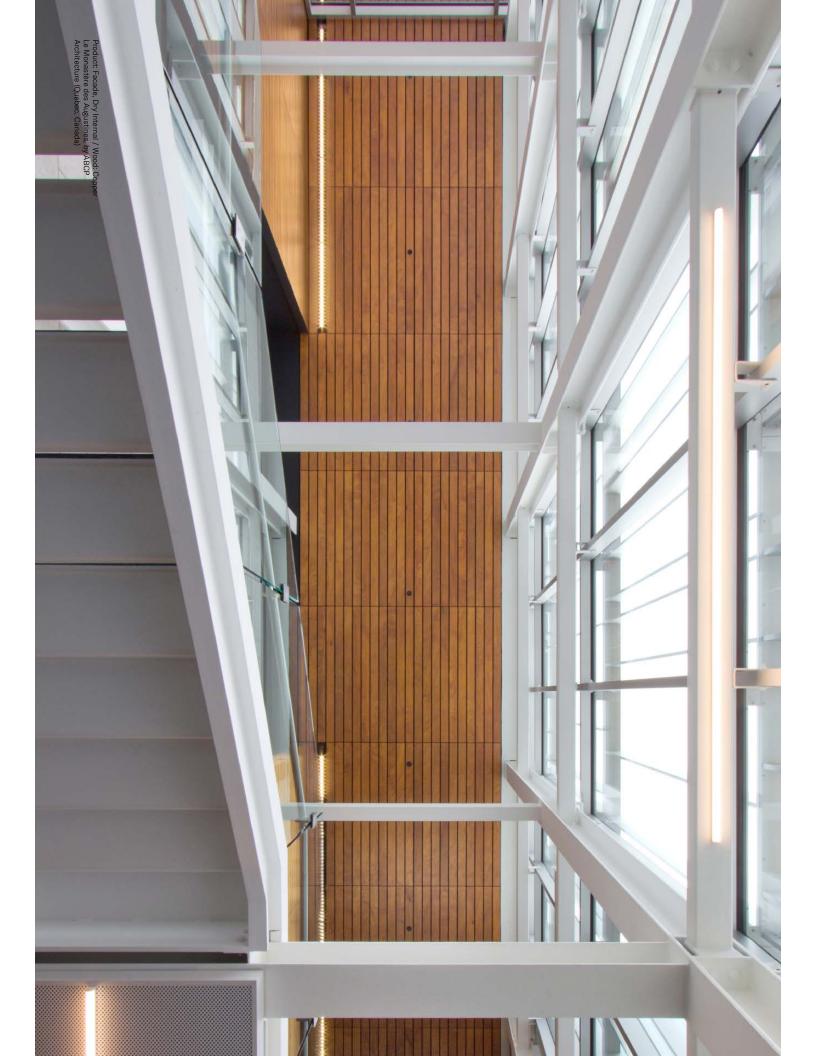


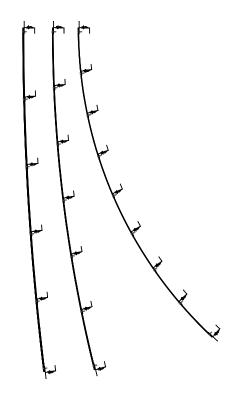




The Facade installation system in fixed louvre mode enables slats to be installed at 0°, 30° and 60°, both horizontally and vertically.

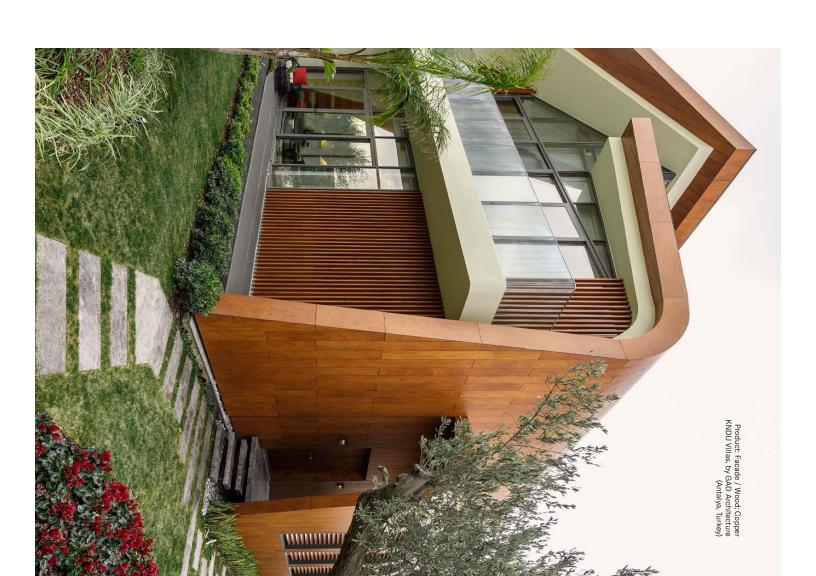
Valid for boards with a thickness of ≥10 mm. Parklex® supplies the slats in three different widths: 86, 94 and 114 mm, with a maximum slat length of 2440 mm.

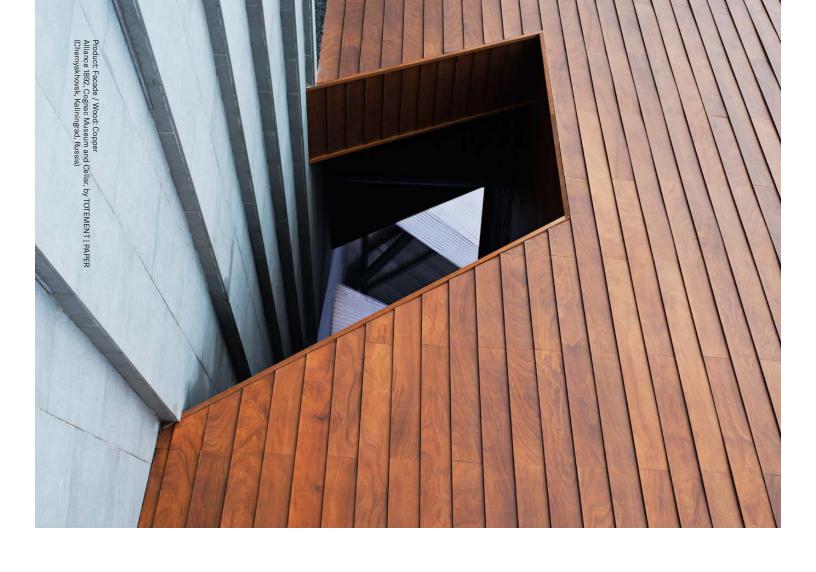


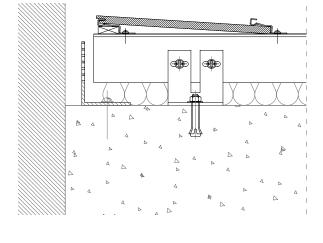


the Facade panels to adapt to certain radii of curvature, whether concave or convex. The flexibility of the wood fibres allows

Parklex® offers two different solutions for projects that require Facade to be installed as a curved façade cladding: either standard panels, if radii above 3 m are required; or pre-bent panels, if smaller radii are required.

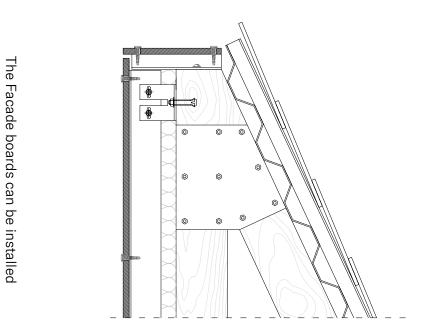






The overlapping slats system enables a range of assembly procedures without needing to change the position of the parts' profiles.

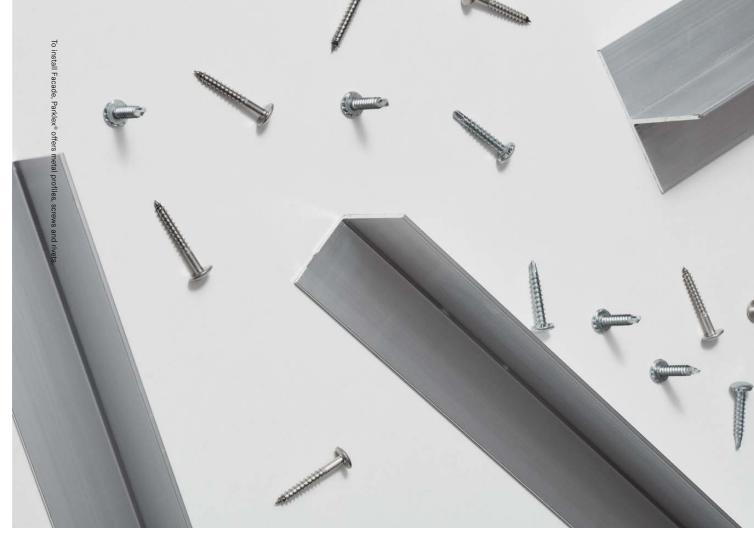
Two different slat widths are supplied: 190 and 290 mm, both with a maximum length of 2440 mm. This concealed fixing system is only valid for thicknesses of 8 mm.



on false ceilings by means of exposed or concealed fixing systems.

In the case of false ceilings, a minimum perimeter space of 20 mm must be left to enable ventilation through the chamber.





Tuttise Standard Proporty or existables Date Companies Proporty or existables Proporty or existable P						
International Part 152.23 Due to this fact that wood is a natural product, each where must be considered in comma for three to be differences in obour and gain. Singliffles such as the flat between the colour and gain. Singliffles such as the flat flat between the colour and gain. Singliffles such as the flat flat between the colour and gain. Singliffles such as the flat flat between the colour and gain. Singliffles such as the flat between the colour and gain. Singliffles such as the flat between the colour and gain. Singliffles such as the flat between the colour and gain. Singliffles such as the flat between the colour and gain. Singliffles such as the flat between the colour and gain. Singliffles such as the flat between the colour and gain. Singliffles such as the flat between the colour and gain. Singliffles such as the flat between the colour and gain. Singliffles such as the flat between the colour and gain. Singliffles such as the colour and gain. Sing	Tests	Standard	Property or attribute	Unit of measurement	Residence Reside	Parklex® Facade F (Fireproof)
Serances EN 438-2 Part 5	Colour, pattern and surface finish	EN 438-8 Part 5.2.2.3	Due to the fact that wood is a na- is normal for there to be different inclusions are not defects, but ar fastness performance of the colo	tural product, each venee ces in colour and grain. S re part of the decorative c our, depending on the wo	r must be considered as u ingularities such as knots of lesign. There are difference of species and source.	nique. It or resin s in the light
EN 439.2 Part 5	2. Dimensional tolerances					
EN 4382 Part 5 60.0 st c 10.0 mm/m 5 3 3 3 3 3 3 3 3 3	Thickness (t)	EN 438-2 Part 5	60 st < 8.0 8.0 st < 12.0 12.0 st < 16.0 16.0 st < 20.0 20.0 st < 25.0	mm	± 0.40 ± 0.50 ± 0.60 ± 0.70 ± 0.80	
EN 438-2 Part 6	Flatness (1)	EN 438-2 Part 9	6.0 ≤ t < 10.0 10.0 ≤ t	mm/m	ယေတ	
EPart 7 - mm/m 1.5 EPart 8 - mm/m 1.5 EPart 17 Cumulative dimensional change % max. longrain (≥ 6mm) 0.3 EPart 27 Drop height without mark above mm ≥ 60 EPart 28 Longrain (≥ 6mm) MPa ≥ 60 EPart 29 Longrain (≥ 6mm) MPa ≥ 60 EPart 28 Contrast Grey scale rating Black wax crayon 1 1 EPart 29 Contrast Grey scale rating Black wax crayon 2 2 EPart 29 Contrast Grey scale rating Black wax crayon 2 2 EPart 29 Contrast Grey scale rating Black wax crayon 1 1 EPart 29 Contrast Grey scale rating Black wax crayon 2 2 EPart 29 Contrast Grey scale rating Black wax crayon 1 1 EPart 30 Appearance Rating Black wax crayon 2 2 EPart 44 Wet cup method µ 1 10 EPart 45 Way Caryon 10 </td <td>Length and width</td> <td>EN 438-2 Part 6</td> <td>1</td> <td>mm</td> <td>+10 / -0</td> <td></td>	Length and width	EN 438-2 Part 6	1	mm	+10 / -0	
Part 8 - mm/m 1.5 Part 177 Cumulative dimensional change % max. longrain (t ≥ 6mm) 0.3 Part 21 Drop height without mark above mm ≥ 1,800 277-2 Longrain (≥ 6mm) MPa ≥ 80 287-2000 Cleanability level marker Permanent blue marker 4 Red spray paint Black wax crayon 1 4 Black wax crayon 1 1 Scroding to conding to 5-A022 Contrast Contrast Grey scale rating Black wax crayon ≥ 3 Scroding to Appearance Rating Rating ≥ 4 Part 4.4 Wet cup method µ 10 Part 4.5 Strength t 5 8mm N ≥ 2,000 Part 4.5 Strength t 2 8mm N ≥ 2,000 Part 1.5 Longrain Appearance MPa ≥ 2,000 Part 1.6 Appearance Deductivity (k) W/m K 0.286 ≥ 4 Part 1.9 Appearance Deductivity (k) W/m K 0.286 ≥ 2,000 Part 1.9 Appearance Deductivity (k) W/m K 0.286	Edge straightness	EN 438-2 Part 7	1	mm/m	1.5	
Part 17 Cumulative dimensional change % max. longrain (t ≥ 6mm) 0.3 2 Part 21 Long height without mark above mm ≥ 1800 27-2 Longrain (z 6mm) MPa ≥ 60 27-2 Longrain (z 6mm) MPa ≥ 60 6578:2000 Cleanability level Parmanent blue and stear paint and stear	Squareness	EN 438-2 Part 8	1	mm/m	1.5	
Part 17 Cumulative dimensional change % max. longfain (≥ 6mm) 0.3 (≥ 6mm) ≥ 1,800 272-2 Longrain (≥ 6mm) MPa ≥ 60 ≥ 1,800 272-2 Longrain (≥ 6mm) MPa ≥ 60 6578,2000 Cleanability level Permanent blue native straining and paint straining paint straining straini	3. Physical properties					
8 Part 21 Drop height without mark above mm ≥ 1,800 27-2 Longsin MPa ≥ 80 27-2 Longsin MPa ≥ 80 27-2 Longsin MPa ≥ 80 6578:2000 Cleanability level Permanent blue marker 4 Back wax crayon 1 1 Black wax crayon 2 Black wax crayon 1 Black wax crayon 2 Black marker 2 Black wax crayon 1 Black marker 2 Black marker 2 Black marker 2 Black marker 1 Black wax crayon 1 Black marker 2 Rating ≥ 4 Evaluation 2 Part 19 Appearance Rating Part 4.4 Wet cup method µ Part 4.5 Strength 1 ≥ 8mm 2 Strength 2 Emm NPa ≥ 80 Part 4.4 Wet cup method µ </td <td>Dimensional stability</td> <td>EN 438.2 Part 17</td> <td>Cumulative dimensional change (t ≥ 6mm)</td> <td>% max. longrain % max. crossgrain</td> <td>0.3</td> <td></td>	Dimensional stability	EN 438.2 Part 17	Cumulative dimensional change (t ≥ 6mm)	% max. longrain % max. crossgrain	0.3	
Longsin MPa ≥ 80	Resistance to impact	EN 438-2 Part 21	Drop height without mark above $10mm (t \ge 6mm)$	mm	≥ 1,800	
6578.2000 Cleanability level Permanent blue marker marker 4 2 Part 28 Contrast Grey scale rating and paint 2 2 Part 28 Contrast Grey scale rating and paint ≥ 3 5 - AD2 Appearance Rating ≥ 4 5 - AD2 Appearance Rating ≥ 4 Part 4.4 Wet cup method μ 10 Part 4.5 Strength t 5 fmm N ≥ 2,000 Part 4.5 Strength t 2 fmm N ≥ 2,000 78 Longrain MPa ≥ 80 Cossignan MPa ≥ 80 1 Thermal conductivity (λ) M/m K 0.286 1 Longrain Appearance Ds rating ≥ 4 1 Placural strength Ds rating ≥ 2000 183 Density Dmarking ≥ 2035 183 Density ≥ 10.35 183 Density ≥ 10.35 19 Part 15 Appearance ≥ 10.35 10 ≥ 0	Tensile strength	EN ISO 527-2	Longrain Crossgrain	MPa	≥ 60	
Part 28 Contrast Black was reyon 1 4	Graffiti resistance	ASTM D 6578:2000	Cleanability level	Permanent blue marker	. 4	
Part 28 5 - AQ2 Contrast Appearance Grey scale rating ≥ 3 5 - AQ2 Appearance Rating ≥ 4 FPart 29 5 - AQ2 Contrast Grey scale rating ≥ 4 FPart 4.5 Wet cup method µ 110 FPart 4.5 Strength t 8 mm N ≥ 2,000 Strength t 8 mm N ≥ 2,000 Strength t 9 mm N ≥ 2,000 Strength t 10 mm N ≥ 2,000 Strength t 2 flomm N ≥ 2,000 Strength t 3 flomm MPa ≥ 2,000 Strength t 2 flomm MPa ≥ 2,000 78 Longrain MPa ≥ 80 Clossgrain MPa ≥ 80 Longrain MPa ≥ 80 Pert 19 Appearance Rating ≥ 80 Plexural strength Ds rating ≥ 2055 Flexural modulus Dm rating ≥ 2055 Part 15 Increase in mass Rating ≥ 4 Euroclass t ≥ 8 mm ≥ 2,000				Black wax crayon Black marker	2 1 4	
Part 28 Contrast Contrast Euroclass t ≥ 8 mm	4. Weather resistance					
Part 29 Contrisst ≥ 3 coording to Appearance Rating ≥ 4 5 - AOZ Appearance Rating ≥ 4 For AOZ Appearance Rating ≥ 4 For AOZ Wet cup method µ 250 Part 4.4 Wet cup method µ 250 Part 4.5 Strength 1 ≥ 80 mm N ≥ 3000 Strength 2 + 80 mm N ≥ 80 ≥ 4000 78 Longrain MPa ≥ 80 Cossignan MPa ≥ 80 ≥ 80 10 member 1 conductivity (A) W/m K 0.268 ≥ 9,000 1 Thermal conductivity (A) W/m K 0.268 ≥ 9,000 1 Thermal conductivity (A) W/m K 0.268 ≥ 0,000 1 Thermal conductivity (A) MPa ≥ 9,000 ≥ 9,000 ≥ 0,000 1 Thermal conductivity (B) Mpa ≥ 0,000 ≥ 0,000 ≥ 0,000 ≥ 0,000 ≥ 0,000 ≥ 0,000 ≥ 0,000 ≥ 0,000<	Resistance to UV light	EN 438-2 Part 28 Rating according to EN 20105 – A02	Contrast	Grey scale rating	≥ ≥ 3	
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Peart 4.4 Wet cup method by up method 250 year parethod μ 110 250 year parethod	5. CE Safety requirements					
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280 Longsin 280	Resistance to fixings	EN 438-7 Part 4.5	Strength t ≥ 6mm Strength t ≥ 8mm Strength t ≥ 10mm	z	≥ 2,000 ≥ 3,000 ≥ 4,000	
78 Longrain Consignin MPa ≥ 9,000 ≥ 9,000 4 Themal conductivity (x) W/m K 0.266 ≥ 4 Part 19 Appearance Flexural strength Rating Dm rating ≥ 4 ≥ 0.95 Flexural modulus Dm rating ≥ 0.95 183 Density g/cm² ≥ 1.35 Part 15 Increase in mass % ≥ 1.35 Appearance Rating ≥ 4 ≥ 1.35 1-1 Euroclass t ≥ 6 mm Classification C-92,dO 1-1 Euroclass t ≥ 8 mm Classification C-92,dO	Flexural strength	EN ISO 178	Longrain Crossgrain	МРа	≥80	
# Thermal conductivity (s) W/m K 0.266 Part 19 Appearance Rating ≥ 4 Flexural strength Ds rating ≥ 0.95 ### Flexural modulus Dm rating ≥ 0.95 ### Flexural modulus Dm rating ≥ 0.95 ### Flexural modulus Dm rating ≥ 0.95 ### 183 Density g/cm² ≥ 1.35 ### 2 Part 15 Increase in mass % ### Appearance Rating ≥ 5 ### 141 Euroclass t ≥ 6 mm ### Classification C-s2.40 ### 141 Euroclass t ≥ 8 mm ### 142 Euroclass t ≥ 8 mm ### Classification C-s2.40	Flexural elastic modulus	EN ISO 178	Longrain Crossgrain	MPa	≥ 9,000 ≥ 9,000	
Appearance	Thermal conductivity/resistance	EN 12664	Thermal conductivity (x)	W/m K		0.281
183 Density g/cm³ ≥ 1.35 2 Part 15 Increase in mass % ≤ 5 Appearance Rating ≥ 4 1-1 Euroclass t ≥ 6 mm Classification C-s2.d0 1-1 Euroclass t ≥ 6 mm Classification C-s2.d0	Resistance to climatic shock	EN 438.2 Part 19	Appearance Flexural strength Flexural modulus	Rating Ds rating Dm rating	≥ 4 ≥ 0.95 ≥ 0.95	
Pent 15 Increase in mass %. ≤ 5 Appearance Rating ≥ 4 1-1 Euroclass t ≥ 6 mm Classification Euroclass t ≥ 8 mm 1-1 Euroclass t ≥ 8 mm 1-2 Euroclass t ≥ 8 mm 1-3 Euroclass t ≥ 8 mm 1-4 Euroclass t ≥ 8 mm 1-5 Euroclass t ≥ 8 mm 1-6 Euroclass t ≥ 8 mm 1-7 Euroclass t ≥ 8 mm 1-8 Euroclass t ≥ 8 mm 1-9 Euroclass t ≥ 8 mm 1-1 Euroclass t ≥ 8 mm 1	Density	EN ISO 1.183	Density	g/cm ³	≥ 1.35	
1-1 Euroclass t ≥ 6 mm Classification C-s2,d0 Euroclass t ≥ 8 mm Classification C-s2,d0 to manner and conditions recommended by the manufacturer.	Resistance to damp	EN 438-2 Part 15	Increase in mass Appearance	% Rating	IV IA 50 4	∧ ∨ı ⊗ 4
ation C-s2,d0	6. CE Safety requirements - React	ion to fire				
Providing the panels are stored according to the manner and conditions recommended by the manufacturer.	Reaction to fire	EN 13.501-1	Euroclass t ≥ 6 mm Euroclass t ≥ 8 mm	Classification	C-s2,d0	B-s1,d0
	Providing the panels are stored acco	ording to the manner and	conditions recommended by the ma	nufacturer.		
	(martin at the argin)	2440 x 1220 mm	Thickness*	6, 8, 10, 12,14, 18, 20 & 2	22 mm	

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