



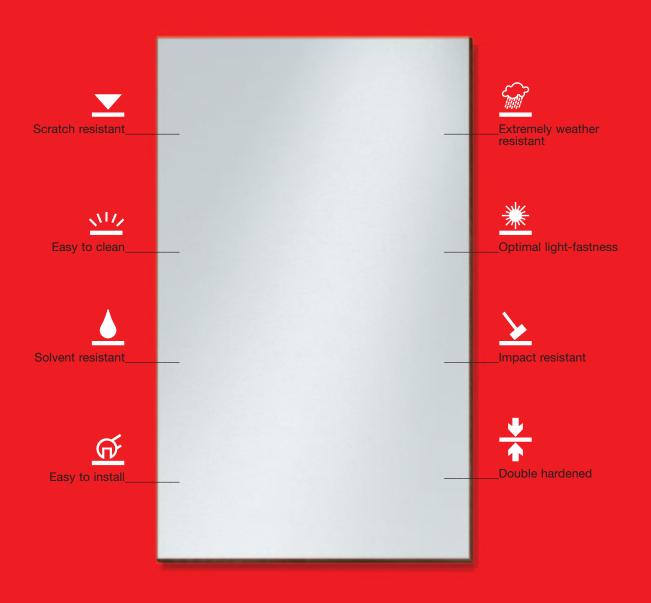


for bearing to the mind. In the beginning

Architecture is above all a product of the mind. In the beginning there is an idea. Then the first pictures evolve and give rise to many questions. What is possible? Does the form serve the function? Which colors and materials speak the right language? And to what degree should creativity set the standard? Whatever form your imagination takes, with FunderMax exterior you have an innovative world of products at your disposal to turn your ideas into a powerful and striking reality.

Quality

Max Exterior panels are duromer high-pressure laminates (HPL) in accordance with EN 438-6 Type EDF that are produced in lamination presses under great pressure and high temperature. Double-hardened acrylic PUR resins provide extremely effective weather protection that is particularly suitable for long-lasting balconies and façade claddings.



Properties:

- __Extremely weather resistant
 - EN ISO 4892-2
- __Optimal light-fastness
- EN ISO 4892-3
- _Double hardened
- __Scratch resistant
- __Solvent resistant

- __Easy to clean
- __Impact resistant EN ISO 178
- _Suitable for all exterior applications
- __Decorative
- __Self-supporting
- __Bending resistant EN ISO 178
- __Frost resistant -80°C to 180°C
- (DMTA-OFI 300.128)
- __Heat resistant -80°C to 180°C (DMTA-OFI 300.128)
- __Easy to install



Max Exterior F-Quality

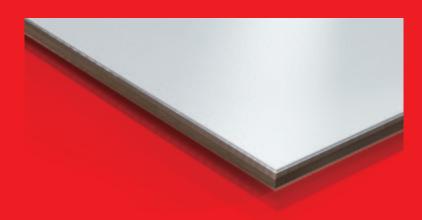
As a standard, Max Exterior panels come printed on both sides. The core is flame-retardant and the surface is light-fast. Thanks to the double-hardened resin, it is also extremely weather resistant.

(Fire test EN 13501-1, B-s2, d0)



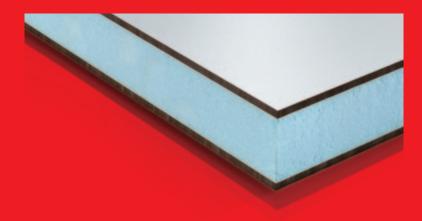
Max Exterior Alu-Compact 42 F-Quality

The design meets F-Quality standards and is additionally provided on both sides with aluminium bands under the print layer. This ensures that even perforated panels are extremely stable.



Sandwich Elements

The Max Exterior panels in F-Quality also come polished on just one side for use in condition alaments.



Processing

FunderMax offers CNC controlled processing and panel cutting. With state-of-the-art devices, it is possible to produce everything: from simple cutouts for mounting the facade panels, to intricate milling for balcony and fence elements. We can make just about anything you can dream up.



Collection Plain-Colours



FUNDERMAX *



Collection Creative



0794 Patina Bronze

FUNDERMAX ®



0793 Patina Tin

0792 Patina Grey Brown

0798 Tambora

Collection Woodgrain decors



0797 Walnut Tirano

Panel detail 1:

FUNDERMAX ®

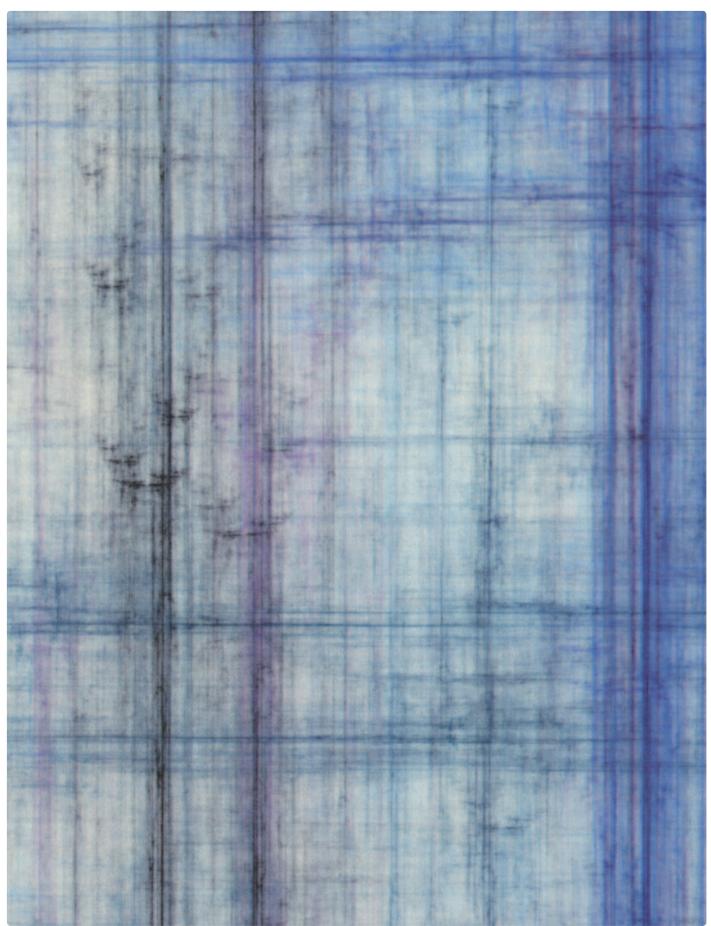


1260 Parakan Teak

0803 Tyrol Pine

0801 Fir Platinum

Collection Specials/Art



P940 Linear Variation



The panels from the decorative series ART are designed identical to the Max Exterior Individual Decor panels.

Max Exterior Individual Decor panels have an extremely weather resistant NT surface with the customer's own unique print. The paper is printed with a custom design and pressed into a particularly durable and weather resistant laminate.

For information on how to order Max Exterior Individual Decor, please read the "Individual Decor Datasheet" available at www. fundermax.at in the "Downloads" section under "Help with Ordering".

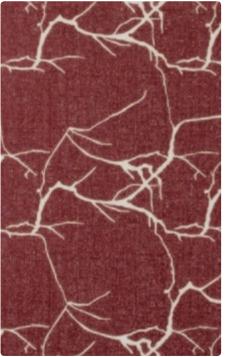
The panels from the decorative series ART can not be printed with the identical design on both sides. The back side is always 0891 – custom white. The maximum size for any custom design is 40 mm less than the actual format ordered to allow for the crop marks for cutting the individual panels.







P939 Graffiti



P941 Boughs

Collection Specials/Dualis



0741 Birch Grey+Tango

Panel detail 1:1



Note:

The expressive, decorative series Dualis is produced by pressing a transparent, partially printed overlay onto a print from the Exterior collection. If you are interested in other combinations, simply contact us.







0075 Dark Grey+Tango



0161 Light Afro+Tango

Collection Specials/Dualis

Note:

The expressive, decorative series Dualis is produced by pressing a transparent, partially printed overlay onto a decor from the Exterior collection. If you are interested in other combinations, simply contact us.











0080 Black + Ice

0085 White + Ice

0623 Green + Ice

0075 Dark Grey + Ice

0736 Saffron Yellow + Ice



0712 Steel Blue + Ice

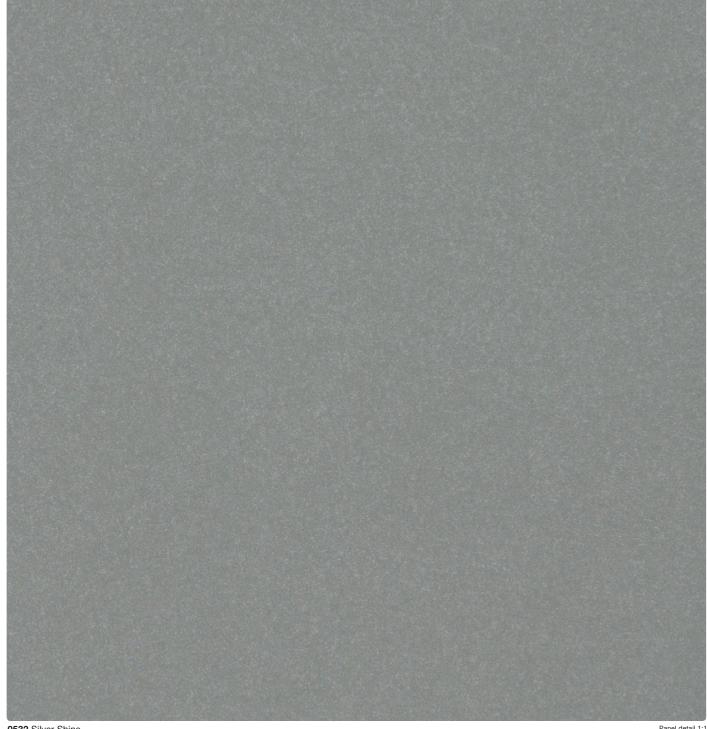
Collection Specials/Metallics







0078 Actec **0079** Maya



0532 Silver Shine

FUNDERMAX Exterior and the Environment

Max Exterior consists of natural fibres – about 65 % of the weight – and synthetic resins. The panels do not contain organic halogen (chlorine, fluorine, bromine etc.) compounds, such as they occur in propellant gases or PVC. They contain neither asbestos nor wood preservatives (fungicide, pesticide etc.) and are free of heavy metals. The precisely managed production processes have no negative effect of any kind on the environment. The chips generated when processing (cutting and milling) are not hazardous to health. As a result of the above, even with the thermal disposal of waste – assuming modern heating plant – no environmental poisons such as hydrochloric acid, organic chlorine compounds or dioxins can arise.

Max Exterior decomposits – at appropriately high combustion chamber temperatures and dwell times of the combustion gases in the combustion chamber, as well as an adequate supply of oxygen – into carbon dioxide, nitrogen, water and ashes. The energy which results from this can be utilised. Disposal on controlled commercial landfills is unproblematic. Always observe the country-specific laws and regulations which apply to disposal.

Warranty

FunderMax warrants the quality of all mentioned products within the scope of the values given in this delivery programme. However, FunderMax is expressly not liable for defects in the working or processing of the substructure or installation as FunderMax cannot control the execution of these. Local building regulations are to be observed. All information corresponds to the current state of the technology. Suitability for particular applications cannot be confirmed in general.



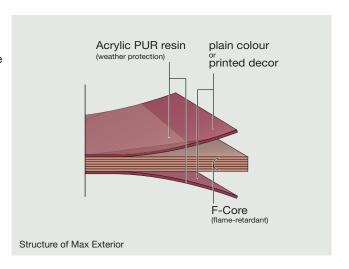


Max Exterior F-Quality

Max Exterior is a high-quality construction product which is used especially for long-lasting balcony and facade claddings. Max Exterior panels are duromer high-pressure laminates (HPL) in accordance with EN 438 Type EDF with extremely effective weather protection. This weather protection consists of double-hardened acrylic polyure-thane resins. They are produced in lamination presses under great pressure and at high temperatures.

Max Exterior panels are, of course, labeled with the CE-Mark necessary for their use in building applications.

Max Exterior panels and Max Alucompact panels can be cut (for a charge) and any resulting waste cuttings are also delivered. We will be happy to optimise your cutting. The panels are produced to order; please consider delivery time.



Surface

NT

NH/NT (Format 4100 x 1850 mm only)

NG/NM Decors on request

(Format 2800 x 1850 mm only)

Formats

 $2140 \times 1060 \text{ mm} = 2,27 \text{ m}^2$

 $2800 \times 1300 \text{ mm} = 3.64 \text{ m}^2$

 $4100 \times 1300 \text{ mm} = 5,33 \text{ m}^2$

 $2800 \times 1850 \text{ mm} = 5,18 \text{ m}^2$

 $4100 \times 1850 \text{ mm} = 7,59 \text{ m}^2$

Tolerances: +10-0 mm

Panel formats are production formats. If exact dimensions and angles are necessary, we recommend an all-sided blank. Depending on the method of trimming, net size is reduced by ca. 10 mm.

Core

F-Quality, brown

Thicknesses

Panels with sanded-reverse side

For symmetrically structured sandwich elements.

Thicknesses Tolerances 2,0-2,9 mm $\pm 0,2 \text{ mm}$ 3,0-4,0 mm $\pm 0,3 \text{ mm}$

Panels with double-sided decor

Thicknesses Tolerances $4,0-4,9 \text{ mm} \pm 0,3 \text{ mm}$ $5,0-7,9 \text{ mm} \pm 0,4 \text{ mm}$ $8,0-11,9 \text{ mm} \pm 0,5 \text{ mm}$ $12,0-15,0 \text{ mm} \pm 0,6 \text{ mm}$

Uniform decor on both sides is standard in Max Exterior panels (with the exception of ART decors). In order to be able to design the inner sides of balconies with a uniformly light look, it is also possible to produce Max Exterior panels with a white (rear) side using decor 0890 NT – Balcony white.

As a result of the differing decor structure, the fastening spacings given in our Technical Information brochures should be reduced by about 15%.

Properties

- High weather resistance
- Optimal light-fastness
- Double hardened
- Scratch resistant
- Solvent resistant
- Low cleaning effort
- Impact resistant
- Suitable for all exterior applications
- Decorative
- Self-supporting
- Bending resistant
- Frost insensitive
- Heat insensitive
- Free from heavy metals
- Easy to install

You can find suggestions for uses, designs, and construction applications in our technical information brochure or at www.fundermax.at.







Physical data

Properties	Test method	Assessment	Standard value	Actual Value		
Light-fastness and weather resist	ance (NT surface)					
Artificial weathering	EN ISO 4892-2 3000 h	EN 20105-A02 greyscale	≥ 3	4-5		
UV-light resistance	EN ISO 4892-3 1500 h	EN 20105-A02 greyscale	≥ 3	4–5		
Properties	Test method	Unit of measurement	Standard value	Actual Value		
Mechanical Properties						
Apparent density	EN ISO 1183-1	g/cm ³		1,45		
Flexural strength	EN ISO 178	MPa	> 80	≥ 90		
Modulus of elasticity	EN ISO 178	MPa	> 9.000	≥ 9.500		
Tensile strength	EN ISO 527-2	MPa	> 60	≥ 80		
Coefficient of thermal expansion	DIN 52328	1/K		18 x 10 ⁻⁶		
Thermal conductivity		W/mK		0,3		
Water vapour diffusion resistance		μ		ca. 17.200		
Fire behaviour						
Europe	EN 13501-1	MA39-VFA Vienna	Euroclass B-s2, d0 fo	or 6–15 mm		
Austria	ÖNORM B3800/Part 1	Austrian Plastics Institute	B1, Q1, TR1, ≥ 2 mm			
Switzerland		Sicherheitsinstitut	Fire classification 5	(200°C).3		
Germany	DIN 4102	MPA Hannover	B1 for 4-10 mm			
France	NFP 92501	LNE	M1 for 2-20 mm			
Permits						
Facade permit, Germany		Institute for Construction, Berlin	6, 8, 10 mm, Permit no. Z-33.2-16			
ETB guidelines for building component	ents	TU Hannover	Passed (depending on building regulation			
which safeguard against falls, June			and railing construct	on 6, 8 or 10 mm		
1985. Balcony railings.			panel thickness)			
Avis technique France		CSTB	6, 8, 10 and 13 mm, wood and metal subconstruction, Permit no. 2/07-1264, 2/07-1265			

All the respective current certificates and approvals are available in the download section at www.fundermax.at. Please observe all valid building regulations. FunderMax shall assume no responsibility in this regard.

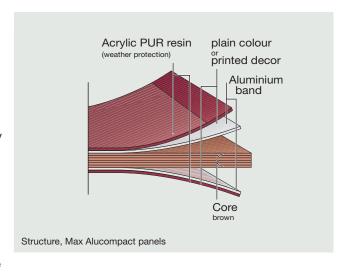
Max Exterior Alucompact 42, F-Quality

Max Exterior Alucompact panels are used predominantly in applications requiring particularly breakproof materials – such as in perforated balcony elements and in cases where particularly large fastening distances are necessary.

Max Exterior Alucompact panels are duromer high-pressure laminates (HPL) according to EN 438, with extremely effective weather protection. This weather protection consists of double-hardened acrylic polyurethane resins. They have 0,42 mm thick aluminium layers on both sides under the decor layers.

These aluminium layers provide an extremely high breaking strength and stiffen the panels to an extraordinary degree. This makes it possible, on the one hand, to make perforated balcony elements and, on the other hand, to make fastening spacings larger.

Max Exterior Alucompact panels (HPL) can be shipped in all decors (excepting the ART-decors) of the Max Exterior collection.



Surface

NT

Formats

2140 x 1060 mm = 2,27 m² 2800 x 1300 mm = 3,64 m² 4100 x 1300 mm = 5,33 m²

Tolerances: +10-0 mm

Panel formats are production formats. If exact dimensions and angles are necessary, we recommend an all-sided blank. Depending on the method of trimming, net size is reduced by ca. 10 mm.

Core

F-quality, brown

Thicknesses

Panels with double-sided decor

 $\begin{array}{lll} \mbox{Thicknesses} & \mbox{Tolerances} \\ 4,0-4,9 \mbox{ mm} & \pm 0,3 \mbox{ mm} \\ 5,0-7,9 \mbox{ mm} & \pm 0,4 \mbox{ mm} \\ 8,0-11,9 \mbox{ mm} & \pm 0,5 \mbox{ mm} \\ 12,0-15,0 \mbox{ mm} & \pm 0,6 \mbox{ mm} \end{array}$

You can find suggestions for uses, designs, and construction applications in our technical information brochures or at www.fundermax.at.







Physical data

Properties	Test method	Assessment	Standard value	Actual Value			
Link fortune and an alternation	(NT)						
Light-fastness and weather resistant							
Artificial weathering	EN ISO 4892-2 3000 h	EN 20105-A02 greyscale	≥ 3	4-5			
UV-light resistance	EN ISO 4892-3 1500 h	EN 20105-A02 greyscale	≥ 3	4–5			
Properties	Test method	Unit of measurement	Standard value	Actual Value			
Mechanical Properties							
Apparent density	EN ISO 1183-1	g/cm ³		ca 1,55			
Flexural strength	EN ISO 178	N/mm ²	> 80	> 180			
Modulus of elasticity	EN ISO 178	N/mm ²	> 9.000	> 18.000			
Impact resistance (Dynstat)		kg/m ²		45			
Water vapour diffusion resistance				730.000			
Fire behaviour							
Europe	EN 13501-1	MA39-VFA Vienna	Euroclass B-s2, d0	6-10 mm			
Permits							
ETB guidelines for building components which safeguard against falls, June 1985. Balcony railings.	TU Hannover	Passed (depending on building regulation for the following seeds of	g regulation and railing construction				

Further information about Max Exterior Alucompact Panels you may find in our technical brochures. Please observe all valid building regulations. FunderMax shall assume no responsibility in this regard.

Max Exterior Collection

					Formats					
Decor	Oecours	Surface	Name	Closest NCS code	2140 x 1060 mm	2800 x 1300 mm	4100 x 1300 mm	2800 x 1850 mm	4100 x 1850 mm	Grain
U	0059	NT	Dark Green	S 5020-G	+	•	•	+	+	N
U	0065	NT	lvory	S 0510-Y20R	•	•	•	•	•	N
U	0066	NT	Sand	S 1505-Y20R	•	•	•	•	•	N
U	0070	NT	Carbon Grey	S 7502-B	•	•	*	•	•	N
U	0073	NT	Pale Ivory	S 0505-G90Y	•	*	•	•	•	N
U	0074 0075	NT NT	Pastel Grey	S 2500-N S 5000-N	*	*	+	+	+	N N
U	0073	NT	Dark Grey Charcoal	S 7005-R50B	•	•	*	+	+	N
U	0080	NT	Black	S 9000-N	•	*	•	*	*	N
U	0085	NT	White	S 0502-G50Y	•	•	•	•	*	N
U	0237	NT	Gentian Blue	S 5040-R80B	•	•	•	•	•	N
U	0591	NT	Fir Green	S 7020-B90G	•	•	•	•	•	N
U	0592	NT	Kiwi Green	S 1015-G40Y	•	•	•	•	•	N
U	0598	NT	Black Green	S 8010-G10Y	•	•	*	•	•	N
U	0609	NT	Haze Green	S 1005-B80G	•	•	•	•	•	N
U	0611	NT	Pale Olive Olive	S 2010-G90Y	*	*	*	+	+	N
U	0612 0617	NT NT	Green Petrol	S 5020-G70Y S 6020-B30G	•	*	* *	+	+	N N
U	0620	NT	Greenish Grey	S 4010-B50G	*	•	•	•	•	N
U	0623	NT	Green	S 4040-G10Y	•	•	•	•	•	N
U	0627	NT	Hygienic Beige	S 2010-Y40R	•	•	•	•	*	N
U	0630	NT	Sea Green	S 2010-B70G	•	•	+	•	•	N
U	0634	NT	Beige	S 3010-Y20R	•	•	+	•	•	N
U	0645	NT	Tobacco	S 4020-Y30R	•	•	•	•	•	N
U	0647	NT	Golden Yellow	S 1050-Y10R	•	•	•	•	•	N
U	0651	NT	Cream	S 0907-Y50R	•	•	*	•	•	N
U	0654	NT	Jasmin	S 1515-Y20R	•	•	•	•	•	N
U	0657 0661	NT	Sepia Brown Terracotta	S 8010-Y50R S 4040-Y80R	*	*	*	+	*	N
U	0662	NT NT	Jade Green	S 4010-G30Y	•	*	* *	+	*	N N
U	0663	NT	Reseda Green	S 1510-G20Y	•	•	•	*	•	N
U	0674	NT	Mars Red	S 1580-Y90R	•	•	•	•	•	N
U	0680	NT	Ruby Red	S 5040-R10B	•	•	+	+	+	N
U	0687	NT	Maize	S 0520-Y20R	•	•	•	•	•	N
U	0689	NT	Dark Red	S 2570-Y80R	•	•	•	•	•	N
U	0691	NT	Purple	S 4550-Y90R	•	•	•	•	•	N
U	0692	NT	Old Pink	S 4020-Y60R	•	•	*	+	+	N
U	0693	NT	Orchid	S 2010-Y80R	•	*	•	*	*	N
U	0702	NT NT	Night Blue Dove Blue	S 8010-R70B	*	*	*	+	+	N
U	0703 0706	NT	Ice Blue	S 3020-B10G S 2010-B	* *	*	*	*	+	N N
U	0712	NT	Steel Blue	S 4030-B		•	•	•	•	N
U	0717	NT	Atlantic	S 2060-R90B	•	•	•	*	*	N
U	0725	NT	Yellowish Green	S 1060-G60Y	•	•	*	•	•	N
U	0733	NT	Hygienic White	S 0804-Y30R	•	•	•	*	•	N
U	0736	NT	Saffron	S 1050-Y20R	•	•	•	*	•	N
U	0741	NT	Birch Grey	S 2002-G50Y	•	•	+	•	•	N
U	0742	NT	Pebble Grey	S 1002-Y	•	*	*	*	•	N
U	0747	NT	Medium Grey	S 4502-Y	•	•	•	•	•	N
U	3003	NT	Rubinus Red	S 2570-R	•	*	*	+	+	N
U	3007 0776	NT NT	Black Red Concrete Grey	S 8010-R10B S 4005-B20G	*	*	*	+	+	N N
U	0776	NT	Winter White	S 0505-Y30R	•	*	*	*	*	N
J	0001	141	AAIIIIGI AAIIIIG	3 0303-1301	•	•	•	▼	▼	1 1

Legend:

- $\bar{R}=This$ decor is has a grain or is otherwise directionally oriented. Please note this should optimization and trimming be necessary.
- $N=\ This\ decor\ has\ no\ grain\ or\ other\ directionally\ relevant\ properties.$ You can turn it when trimming it.

Transport protection foil available at an extra charge.

♦ = no limit on amount, delivery time upon request

D = Dualis

E = Metallic

H = Wood reproductions

I = Digital prints

M = Pattern/Fantasy

U = Plain colours



				Formats					
Decor	Decor no.	Surface	Лаже	2140 x 1060 mm	2800 x 1300 mm	4100 x 1300 mm	2800 x 1850 mm	4100 x 1850 mm	Grain
Crea M	ative 0026	NT	Prodo Alu Croy			•			R
M	0026	NT	Prado Alu Grey Prado Agate Grey	*	+	*	*	+	R
М	0028	NT	Prado Brown	*	*	•	•	*	R
М	0156	NT	Afro Patina	*	*	+	•	*	R
М	0158	NT	Afro Grey	+	•	•	•	•	R
M	0159	NT	Afro Black	*	•	•	*	*	R
M	0325 0326	NT NT	Java Grey Java Black	*	+	•	*	+	N N
M	0320	NT	Java Brown	*	*	•	•	*	N
M	0328	NT	Brushed Aluminium	*	•	•	•	*	R
М	0330	NT	Brushed Navy	*	*	+	•	+	R
М	0792	NT	Patina Grey Brown	*	*	+	•	•	R
М	0793	NT	Patina Tin	+	•	•	•	•	R
М	0794	NT	Patina Bronze	+	*	•	*	*	R
M	0795	NT	Dark Merit	*	*	•	•	•	R
M	0798 0825	NT NT	Tambora Java Pebble	*	+	*	*	+	R N
M	0826	NT	Java Pebble Java Sand	*	+	*	*	+	N N
M	0827	NT	Java Azure	*	*	*	*	*	N
	odgrain d								
Н	0037	NT	Indian Apple	+	*	•	*	+	R
Н	0125	NT	Natural Oak	+	•	•	•	•	R
Н	0160	NT	Dark Afro	*	•	•	•	•	R
Н	0161	NT NT	Light Afro	*	+	•	*	•	R R
H	0162 0163	NT	Afro Sahara Akro Havanna	*	+	*	*	+	R
Н	0168	NT	Akro Rust	*	•	•	•	•	R
Н	0169	NT	Akro Ruby	*	*	•	•	*	R
Н	0213	NT	Mahogany	*	*	•	•	•	R
Н	0270	NT	Light Cherry	+	•	•	•	•	R
Н	0272	NT	Summerapple	*	*	•	•	•	R
H	0601 0796	NT NT	Sun Pear	*	+	•	*	+	R R
Н	0796	NT	Art-Strands Natural Walnut Tirano	*	+	*	*	+	R
Н	0801	NT	Fir Platinum	•	*	*	•	•	R
Н	0803	NT	Tyrol Pine	*	*	•	•	•	R
Н	1260	NT	Parakan Teak	*	*	•	•	•	R
	cials								
	decors		_						_
1	P938	NT	Dew			*			R
I I	P939 P940	NT NT	Graffiti Linear Variation			*			R R
1	P940 P941	NT	Boughs			*			R
Dual									
D	0075	NT	Dark Grey + Tango		•	•			R
D	0161	NT	Light Afro + Tango		•	•			R
D	0609	NT	Haze Green + Tango		•	•			R
D	0741	NT	Birch Grey + Tango		+	*			R
D D	0075 0080	NT NT	Dark Grey + Ice Black + Ice		+	•			R R
D	0085	NT	White + Ice		*	*			R
D	0623	NT	Green + Ice		*	•			R
D	0712	NT	Steel Blue + Ice		*	•			R
D	0736	NT	Saffron Yellow + Ice		•	*			R
	allics								
E	0078	NT	Actec	•	•	•	*	•	R
E	0079	NT	Maya	+	*	*	*	*	R
Е	0532	NT	Silver Star	*	*	•	•	•	R

The virtually limitless variety of possible designs make Max Exterior panels an innovative companion for discerning architecture with an eye for long-lasting, cost efficient quality.

Max Exterior panels from FunderMax make it possible to change the appearance of a building in a wide variety of ways: from exciting wood, stone or metal patterns and vibrant uni-colors, all the way to digital print designs that make it possible to print your façade with any motif you can imagine. In addition there is the broad selection of assorted formats and mounting variations that also create a whole different character for your building: hidden or specifically visible mounting, cladding, perforation, CNC milling etc. Simply contact us, and we will be happy to surprise you with just how much is possible.

Applications:

- Rear ventilated facades
- _Facade claddings
- _Balcony claddings
- Partitions
- Railings
- __Fences
- __Attic claddings
- Ceilings

- Outdoor furniture
- Public facilities
- __Playground facilities
- _Sports facilities
- __Sun protection
- __Awnings
- __Business entry portals
- Functional constructions





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