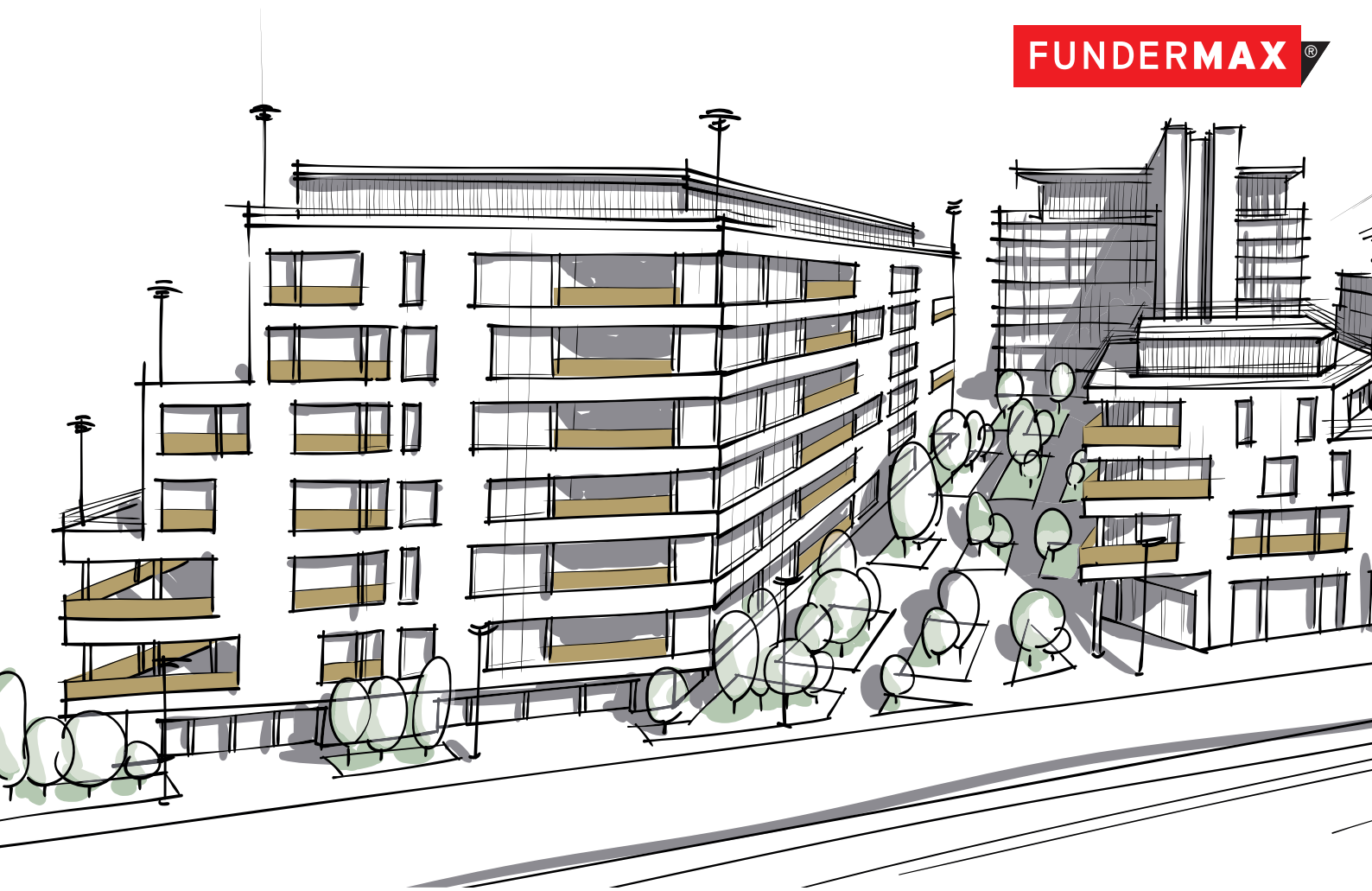




Range of decors

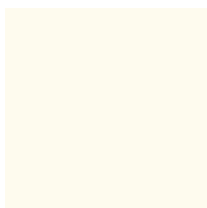
JULY 2015

universal

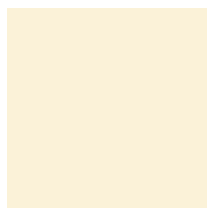
for
people
who
create

RANGE OF DECORS

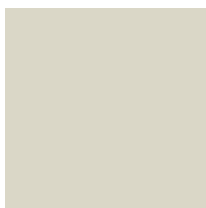
0771
Alabaster



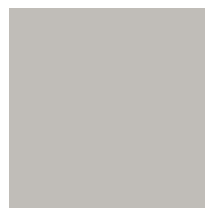
0772
Mother of pearl



0774
Fog grey



0775
Aluminium grey



0746
Hygienic grey



0773
Clay



0644
Sahara



DUE TO THE PRINTING PROCESS, THE ORIGINAL PATTERNS
MAY DIFFER FROM THE IMAGES IN THIS BROCHURE.

Max Universal

FunderMax panels from the Universal collection are suitable for inside and exterior application. They are large-format duromer high-pressure laminates (HPL) in accordance with ON EN 438 type EGF. They are produced in lamination presses under great pressure and high temperature.

SURFACE

FH

FORMATS (production-sizes)

2800 x 1300 mm = 3,64 m²
4100 x 1300 mm = 5,33 m²
2800 x 1854 mm = 5,19 m²
4100 x 1854 mm = 7,60 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, colour brown

THICKNESSES

Panels with double-sided decor

Thicknesses	Tolerances (EN 438-6, 5.3)
4,0 - 4,9 mm	± 0,3 mm
5,0 - 7,9 mm	± 0,4 mm
8,0 - 11,9 mm	± 0,5 mm
12,0 - 13,0 mm	± 0,6 mm

Panels with sanded-reverse side

For symmetrically structured sandwich elements.

Thicknesses	Tolerances (EN 438-6, 5.3)
2,0 - 2,9 mm	± 0,2 mm
3,0 - 4,0 mm	± 0,3 mm

In order to be able to design the inner sides of balconies with a uniformly light look, it is also possible to produce Max Universal 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 %

PHYSICAL DATA

PROPERTIES	TEST METHOD	ASSESSMENT	STANDARD VALUE	ACTUAL VALUE
LIGHT-FASTNESS AND WEATHER RESISTANCE				
Artificial weathering	EN ISO 4892-2 1500 h	EN 20105-A02 grey scale	≥ 3	≥ 3
PROPERTIES	TEST METHOD	ASSESSMENT	STANDARD VALUE	ACTUAL VALUE
MECHANICAL PROPERTIES				
Apparent density	EN ISO 1183-1	g/cm³	≥ 1,35	≥ 1,35
Flexural strength	EN ISO 178	MPa	≥ 80	≥ 80
Elasticity modulus	EN ISO 178	MPa	≥ 9.000	≥ 9.000
Tensile strength	EN ISO 527-2	MPa	≥ 60	≥ 60
Coefficient of thermal expansion	DIN 52328	1/K		18 x 10 -6
Thermal conductivity		W/mK		0,3
Water vapour diffusion resistance				ca. 17.200 μ
BUILDING MATERIAL CLASS				
Building material class – Europe	EN 13501-1	MA39-VFA Vienna	Euroclass B-s2, d0 für 4 - 10 mm	
Building material class – Austria	ÖNORM B38000/Teil 1	Österr. Kunststoffinstitut	B1, Q1, TR1, ≥ 2 mm	
Building material class – Switzerland		Sicherheitsinstitut	Brandkennziffer 5 (200°C),3	
Building material class – Germany	DIN 4102	MPA-Hannover	B1 für 4 - 10 mm	
Building material class – France	NFP 92501	LNE	M1 für 2 - 10 mm	
LICENCES				
Facade licence Germany		Institut für Bautechnik Berlin	6, 8, 10 mm, Licence no. Z-33.2-16	
ETB guidelines for building components which safeguard against falls, June 1985 balcony railings.		TU Hannover	Passed (according to building regulation and railing construction 6, 8, 10 or 13 mm panel thickness)	
Avis technique France		CSTB	6, 8, 10 und 13 mm, Wooden and metallic subconstruction, Licence no. Avis Technique n° 2/12-1513 Avis Technique n° 2/14-1623 Avis Technique n° 2/13-1565 Avis Technique n° 2/12-1522 Avis Technique n° 2/12-1504*V1 Avis Technique n° 2/12-1505	

PLEASE OBSERVE THE BUILDING REGULATIONS WHICH APPLY IN EACH CASE; WE ACCEPT NO LIABILITY REGARDING THIS.

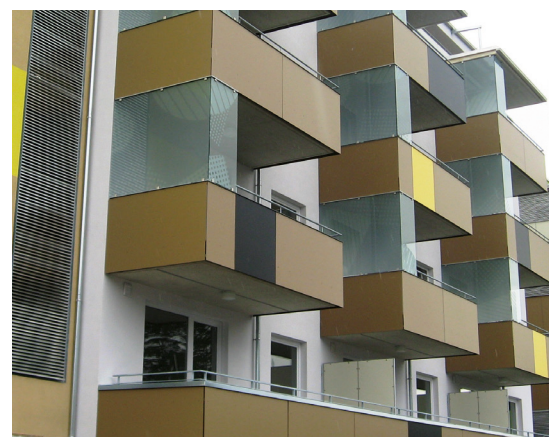
Possible uses

EXTERIOR APPLICATIONS

- Facade cladding
- Balcony cladding
- Balcony partitions
- Attic cladding
- Wall protection cladding
- Railings
- Door, gate and parapet fillers
- Sports centre furnishing
- Playground furnishing

INTERIOR APPLICATIONS

- Wall cladding protection
- Railings
- Partitions
- Cubicles
- Furniture
- Tabletops



DELIVERY PROGRAM

DECOR-NO.	SURFACE	DECOR NAME	GR 2800 x 1300	JU 4100 x 1300	SP 2800 x 1854	XL 4100 x 1854
0644	FH	Sahara	♦	♦	♦	♦
0746	FH	Hygienic grey	♦	♦	♦	♦
0771	FH	Alabaster	♦	♦	♦	♦
0772	FH	Mother of pearl	♦	♦	♦	♦
0773	FH	Clay	♦	♦	♦	♦
0774	FH	Fog grey	♦	♦	♦	♦
0775	FH	Aluminium grey	♦	♦	♦	♦

♦ = NO QUANTITY LIMIT, DELIVERY TIME PROVIDED UPON REQUEST.

RECOMMENDATIONS ON APPLICATIONS, WORKING AND CONSTRUCTION CAN BE FOUND IN OUR TECHNICAL INFORMATION BROCHURES.

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