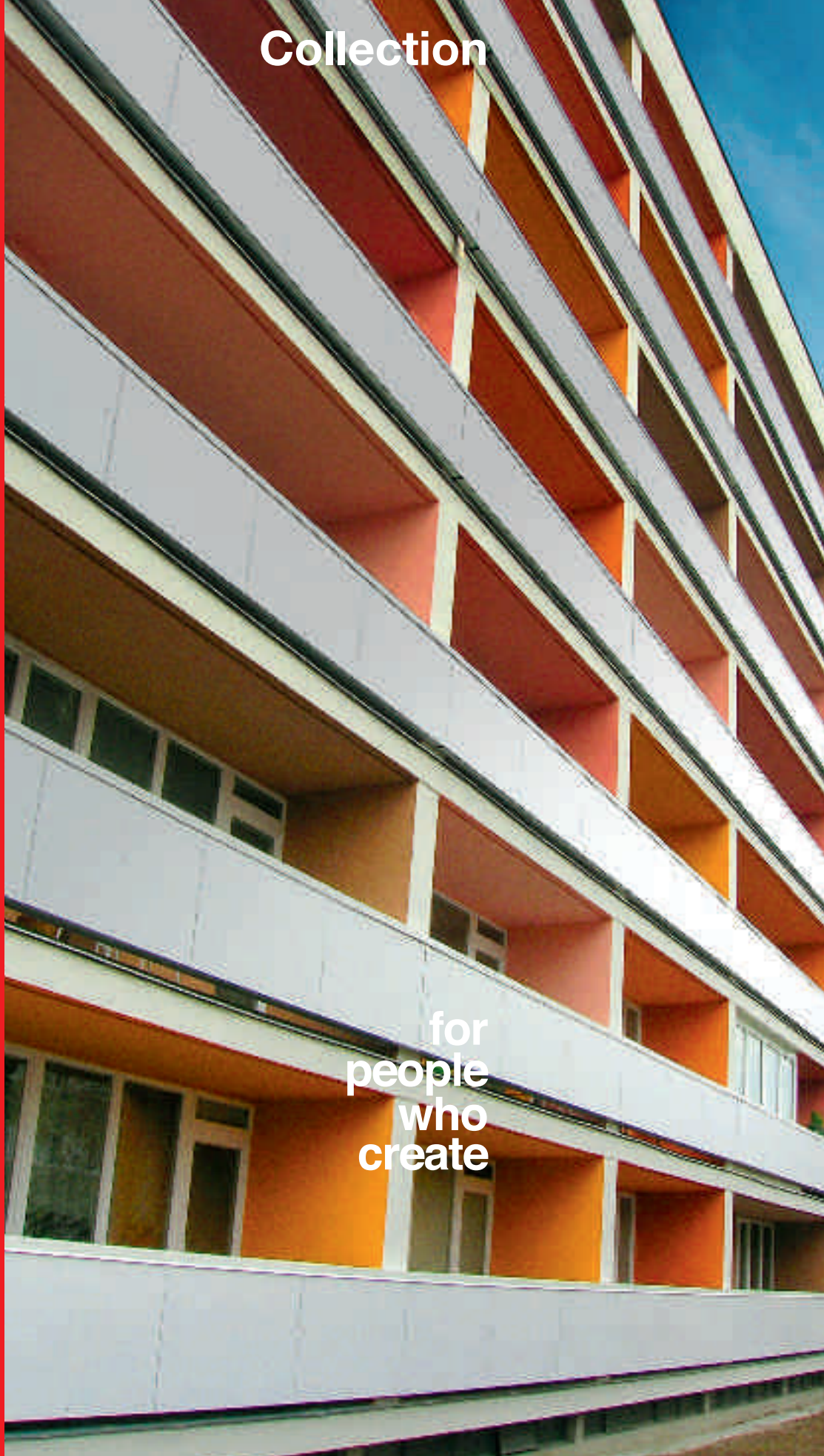


Collection

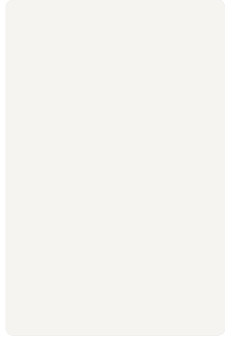
universal

for
people
who
create

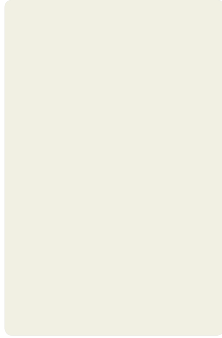


Universal Collection

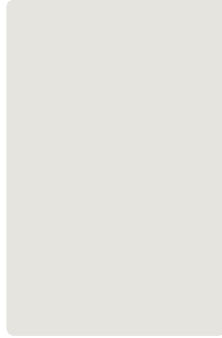
Surface FH



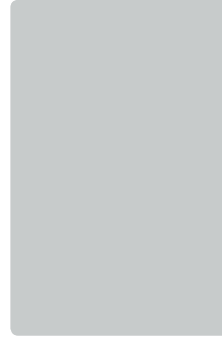
0771 Alabaster



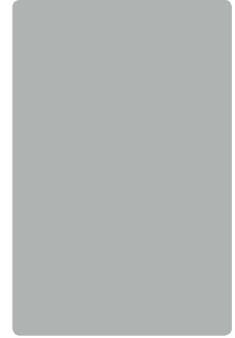
0772 Mother of Pearl



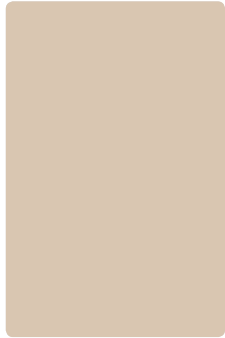
0774 Fog Grey



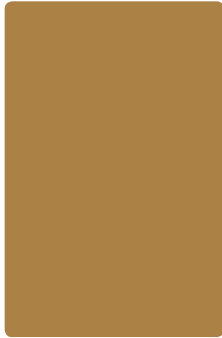
0775 Aluminium Grey



0746 Hygienic Grey



0773 Clay



0644 Sahara

Balcony White 0890 FH

In order to be able to design the inner sides of balconies so that they are uniform and light, it is also possible to produce panels from the Universal collection with a white (rear) side.

Decor 0890 FH – 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%.

The colours reproduced in this brochure may differ slightly from the actual panel colours, which is due to the limitations of the printing process. If needed, please request an original sample.

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. FH surface (melamine).

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

Surface FH

Formats

- 2140 x 1060 mm = 2,27 m²
- 2800 x 1300 mm = 3,64 m²
- 4100 x 1300 mm = 5,33 m²
- 2800 x 1850 mm = 5,18 m²
- 4100 x 1850 mm = 7,59 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 sanded-reverse side

For symmetrically structured sandwich elements.

Thicknesses	Tolerances
2,0–2,9 mm	± 0,2 mm
3,0–4,0 mm	± 0,3 mm

Panels with double-sided decor

Thicknesses	Tolerances
4,0–4,9 mm	± 0,3 mm
5,0–7,9 mm	± 0,4 mm
8,0–11,9 mm	± 0,5 mm
12,0–15,0 mm	± 0,6 mm

Delivery program

Decor No.	Surface	Name	TK =	G =	J =	SP =	XL =
			2140 x 1060 mm	2800 x 1300 mm	4100 x 1300 mm	2800 x 1850 mm	4100 x 1850 mm
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	♦	♦	♦	♦	♦

♦ = Can be supplied without quantity limit as special production run (delivery time on request).

Recommendations on applications, working and construction can be found in our Technical Information brochures.

Physical Data

Properties	Test method	Assessment	Standard value	Actual value
Light-fastness and weather resistance				
artificial weathering	EN ISO 4892-2 1500 hours	EN 20105-A02 Grey scale	≥ 3	≥ 3

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
Elasticity modulus	EN ISO 178	MPa	> 9000	≥ 9500
Tensile strength	EN ISO 527-2	MPa	> 60	≥ 80
Coefficient of thermal expansion	DIN 52328	1/K		18 x 10 ⁻⁶
Dimensional change in climate change with increased temperature	EN 438 for 6 mm thickness	Lengthways % Widthways %	< 0,3 < 0,6	≤ 0,15 ≤ 0,25
Thermal conductivity		W/mK		0,3
Water vapour diffusion resistance		μ		approx. 17200

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 B3800/part 1	Austrian Plastics Institute	B1, Q1, TR1, ≥ 2 mm	
Building material class – Switzerland		Sicherheitsinstitut	Fire classification 5 (200°C).3	
Building material class – Germany	DIN 4102	MPA Hannover	B1 for 4–10 mm	
Building material class – France	NFP 92501	LNE	M1 for 2–20 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 and 13 mm, Wooden and Metallic Subconstruction, License No. 2/07-1264, 2/07-1265	

Please observe the building regulations which apply in each case; we accept no liability regarding this.

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