







KömaPan®

Colour laminate variants for all tastes

STANDARD COLOURS

					
Pure white 654 (WS)	Dark oak 15	Anthracite grey 16	Silver grey 21	Mahogany 24	Golden oak 32
					
Oak rustique 37	Larch 38	Moss green 53	Fir green 58	White WA	Light oak 73
					
Mountain oak 74	Striped Douglas fir 76	Alux anthracite HC	Alux DB 703 AL	Alux grey-aluminium HA	Alux white-aluminium HW
					
Siena PR SC	Cherry Blossom CB	Rustic Cherry RC	Irish Oak IO	Santana Oak OA	Sheffield oak brown OB
		The profiles are available with lamination on one or both sides. Please refer to our price list for the delivery programme.			
Sheffield oak grey OS	Sheffield oak light SO				

SPECIAL COLOURS

					
Oregon 39	Wine red 44	Cream white CQ	Navy blue 88	Spruce AF	Stainless steel AR

Colours may differ from the original laminates due to printing technology.

#KömmerlingForTomorrow



profine GmbH
Kömmerling

Zweibrücker Straße 200
66954 Pirmasens
Germany
Tel. +49 (0) 6331 56 0
E-mail: info@koemmerling.com

www.koemmerling.com



Specifications subject to modification without prior notice. Order No. 24 21 17 0020 | 0723

ROBUST. HIGH-QUALITY.
A GREAT LOOK NOW AND IN FUTURE.
KömaPan® –
tongue and groove profile

ATTRACTIVE LOOK – IMPRESSIVE PROPERTIES

KömaPan – groove and key profile

No matter whether it is used for facade cladding, door panelling or noise protection and shutter systems: KömaPan offers you a solution for your project that is as affordable as it is high quality.

These established tongue and groove profiles from Kömmerling boast impressive properties: They withstand not only wind and weather, but also chemical environmental effects. Not even pests can harm them. KömaPan owes this protection to its weather- and UV-resistant surface lamination. The completely maintenance-free material retains its shape and the colours stay looking good – and all this with minimal cleaning work. A decision that will pay off for a long time.

Robust

- > Moisture-resistant
- > Weatherproof and weather-resistant
- > UV-resistant
- > Corrosion-resistant
- > Dimensionally stable
- > Lightfast and colourfast in accordance with DIN ISO 105-A03

High-quality

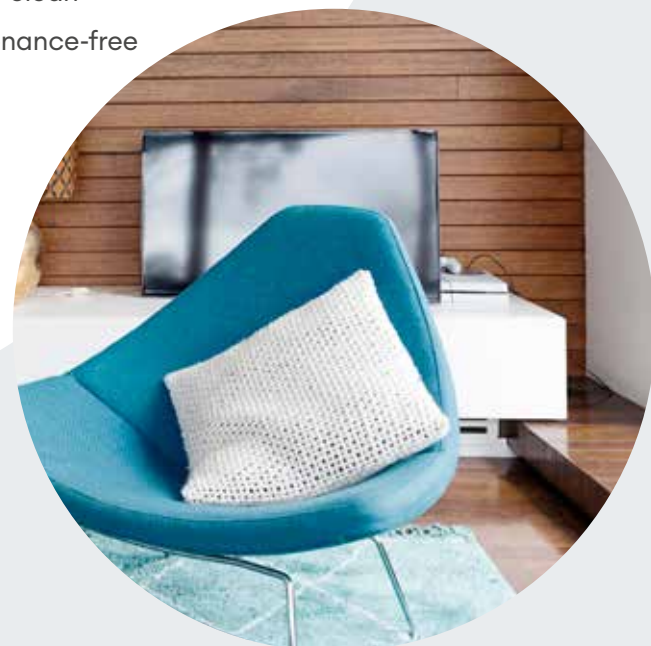
- > High loading capacity
- > Impact- and pressure-resistant
- > Good sound insulation
- > Fire rating B2

Sustainable

- > 100% recyclable in white
- > Basic body of foiled finish made of 100% recycled material
- > Good thermal insulation

Easy-care

- > Easy to clean
- > Maintenance-free



THE ALLROUND TALENT FOR YOUR CREATIVE SOLUTIONS

The perfect solution

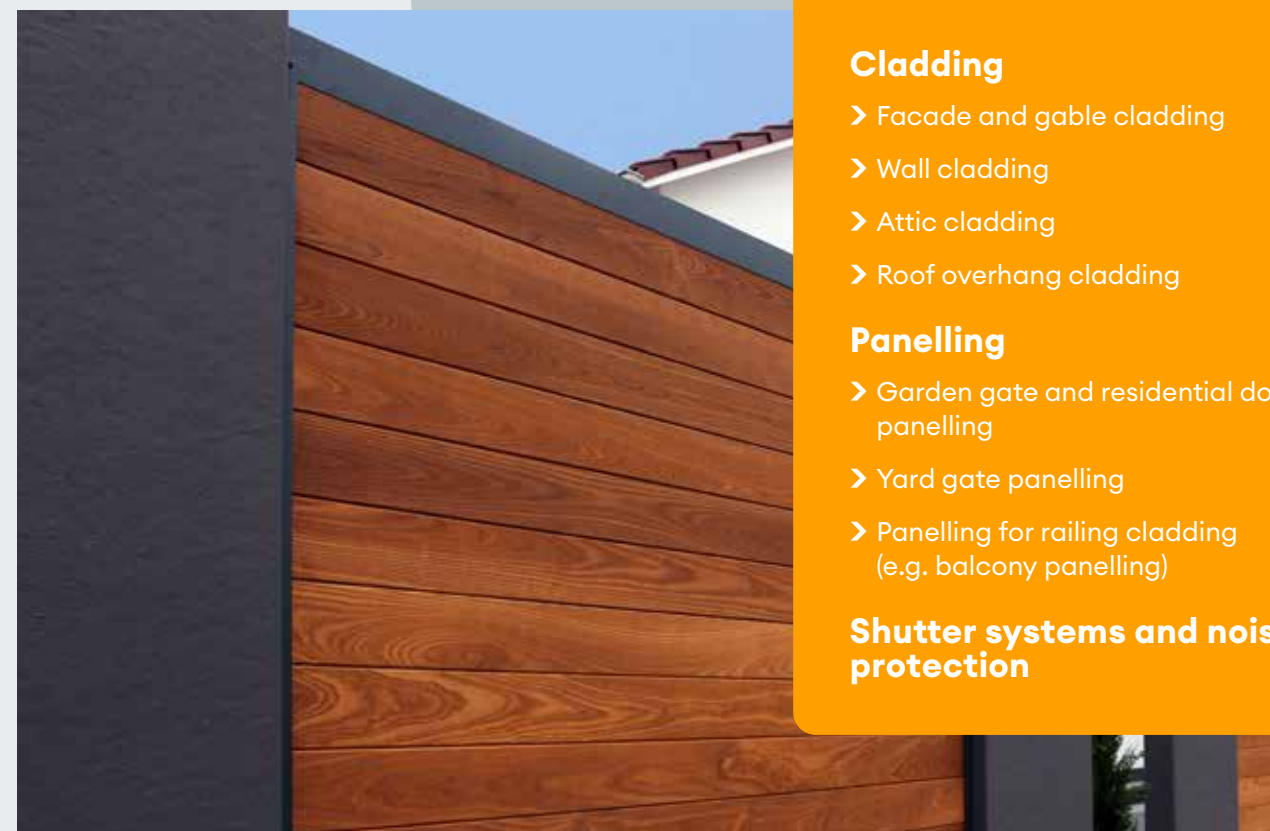
Cladding

- > Facade and gable cladding
- > Wall cladding
- > Attic cladding
- > Roof overhang cladding

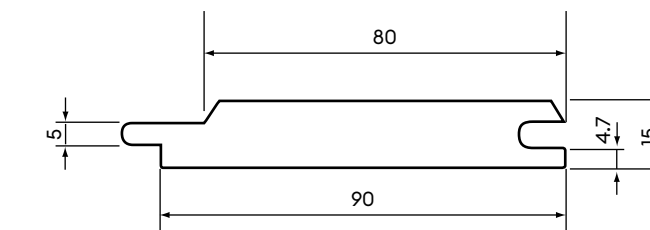
Panelling

- > Garden gate and residential door panelling
- > Yard gate panelling
- > Panelling for railing cladding (e.g. balcony panelling)

Shutter systems and noise protection



SPECIFICATIONS

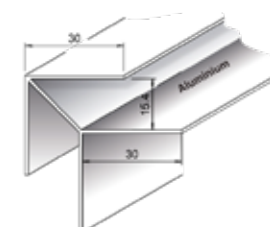


	Laminated	White
Profile code	8081	
Dimensions	90 x 15 mm	
Delivery length	6 m	
Weight	1050 g/m ± 10 % (laminated on one or both sides)	770 g/m ± 10 %
Weather resistance	5 years (in some colours 10 years, please enquire)	10 years

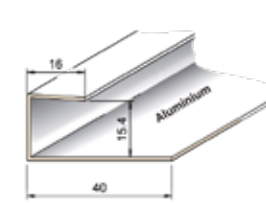
	Test method	Unit	PVC-U solid profiles	
			with lamination	654 White
Mechanical properties				
(Apparent) density	ISO 1183	g/cm ³	0.85 ± 0.05	0.85 ± 0.05
Ball hardness 132 N/30s	DIN EN ISO 2039	N/mm ²	> 20	> 20
Impact strength at +20 °C	DIN EN ISO 179 (Annex)	kJ/m ²	> 24	> 20
Impact strength at 0 °C	DIN EN ISO 179 (Annex)	kJ/m ²	> 22	> 18
Impact strength at -20 °C	DIN EN ISO 179 (Annex)	kJ/m ²	> 20	> 16
Shore D hardness	DIN 53505		≥ 75	> 75
Thermal properties				
Vicat softening temperature	DIN EN ISO 306	°C	> 77	> 77
Heat distortion temperature	DIN EN ISO 75 (HDT)	°C	60	60
Shrinkage at +70 °C (2 h)	DIN 16927 (Annex)	%	< 0.4	< 0.4
Shrinkage at +100 °C (1 h)	DIN 16927 (Annex)	%	< 1.8	< 1.0
Coefficient of linear expansion (in the range from -30° C to +50° C)	DIN 53752	mm/mK	0.04–0.05	0.08
Insulation value	DIN EN 674 (Annex)	W/(m ² K)	2.2	2.2
Thermal conductivity (0 °C to +60 °C)	DIN EN 52612	W/(mK)	0.095	0.095
Other properties				
Surface hardness			HB-F	
Clemens hardness		gram force	500	
Shot peening test	DIN 53154		A 10000	
Gardner sandblast test	ASTM 968-51	l/MIL	6.0	
Salt spray test	DIN 50021		OK	
Light resistance (tested in accordance with DIN 53389)	DIN 54004		Level 8	
Weather resistance (tested in accordance with DIN 53387, 2000 h)	DIN 54001		Colour fastness grade 4	
Fire behaviour	DIN EN ISO 13501-1 DIN EN ISO 11925-2		E-Class	E-Class

The detailed specifications can be found in our KömaPan manufacturing instructions.

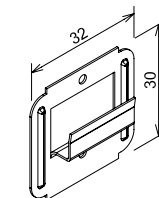
ANCILLARY PROFILES



External corner profiles aluminium
8234



End profile aluminium
8236



Holding claw V2A with stainless steel pin
8056