







# KömaPan®

Colour laminate variants for all tastes

## STANDARD COLOURS

					
Pure white 654 (WS)	Dark oak 15	Anthracite grey 16	Silver grey 21	Mahogany LJ	Golden oak LO
					
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



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Specifications subject to modification without prior notice. Order No. 24 21 17 0020 | 0524

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

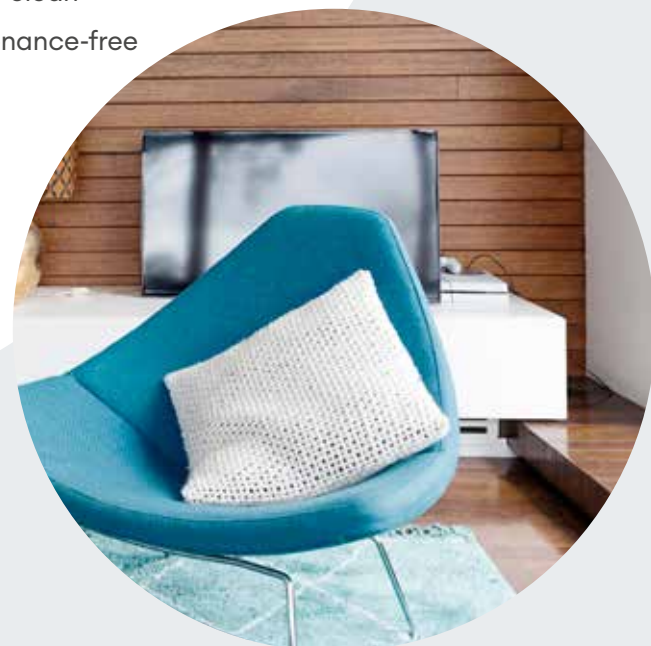
- > High loading capacity
- > Impact- and pressure-resistant
- > Good sound insulation
- > Fire rating B2

## 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

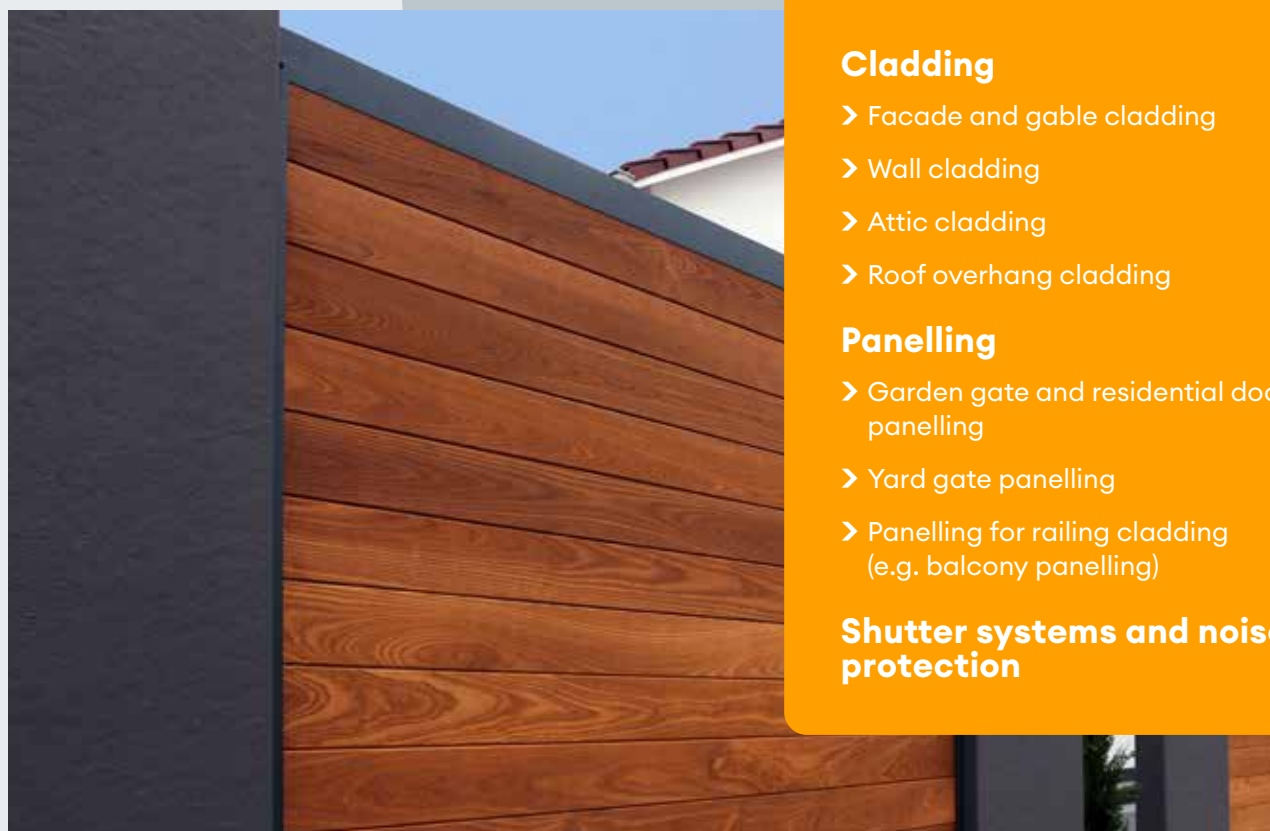
### Cladding

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

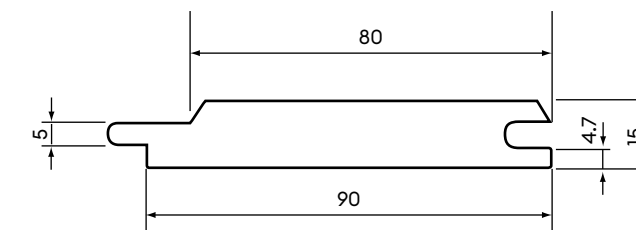
### Panelling

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

### Shutter systems and noise protection



# SPECIFICATIONS

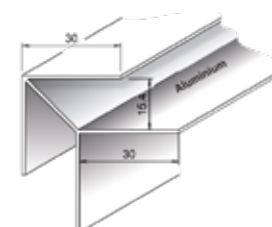


	Laminated	White
Profile code	8081	
Dimensions	90 x 15 mm	
Delivery length	6 m	
Weight	1050 g/m ± 10 % (laminated on one or both sides)	770 g/m ± 10 %
Weather resistance	5 years (in some colours 10 years, please enquire)	10 years

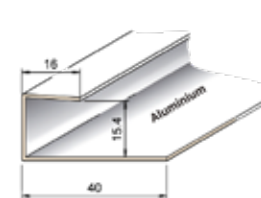
	Test method	Unit	PVC-U solid profiles	
			with lamination	654 White
<b>Mechanical properties</b>				
(Apparent) density	ISO 1183	g/cm <sup>3</sup>	0.85 ± 0.05	0.85 ± 0.05
Ball hardness 132 N/30s	DIN EN ISO 2039	N/mm <sup>2</sup>	> 20	> 20
Impact strength at +20 °C	DIN EN ISO 179 (Annex)	kJ/m <sup>2</sup>	> 24	> 20
Impact strength at 0 °C	DIN EN ISO 179 (Annex)	kJ/m <sup>2</sup>	> 22	> 18
Impact strength at -20 °C	DIN EN ISO 179 (Annex)	kJ/m <sup>2</sup>	> 20	> 16
Shore D hardness	DIN 53505		≥ 75	> 75
<b>Thermal properties</b>				
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 <sup>2</sup> K)	2.2	2.2
Thermal conductivity (0 °C to +60 °C)	DIN EN 52612	W/(mK)	0.095	0.095
<b>Other properties</b>				
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.

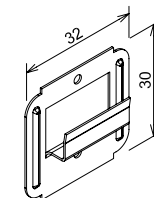
## ANCILLARY PROFILES



External corner profiles aluminium 8234



End profile aluminium 8236



Holding claw V2A with stainless steel pin 8056