



**Kömmerling®**

TODAY FOR TOMORROW



FREE SKIN-FOAM SHEET FOR ADVERTISING

**KömaTex®**

# EVEN GOOD THINGS CAN STILL BE IMPROVED ON

You have the choice. We the range.



A traditional brand in the profine Group, Kömmerling is a familiar name all over the world. Founded in 1897, the company started extruding window profiles and PVC sheets as early as 1967. Today, Kömmerling exports its products to about fifty countries worldwide. And this number is constantly growing.

Kömmerling enjoys a high reputation among its customers, not only because of product quality or its extensive range. What drives us is our pursuit of “the better”. This spirit can be felt at all of the company’s divisions. It is our daily motivation to go new ways with our customers and to conquer the market with new products, systems, services, and sales channels.

This drive is also based on the reliability of a large company that can respond unerringly to individual market requirements and the needs of its customers. A reliability that engenders trust and, combined with new ideas and pioneering technology, offers new possibilities. It is not without reason that the SPS product area with its is the global leader in the field of PVC sheets. Always endeavouring to keep on the move, to make the good even better, and by doing so to safeguard its customers’ lasting success. We call this quite simply the “Ever better principle”.

**KömaCel**  
Integral skin-foam sheet for advertising, building and industry

**KömaTex**  
Free skin-foam sheet for advertising

**KömaPrint**  
Free skin-foam sheet for best printing results

**KömaDur**  
PVC-U sheet system for virtually all areas

**KömaStyle**  
Wall cladding system for modern interior design

**KömaAlu**  
Aluminium composite sheet for indoor and outdoor applications

**KömaPan**  
Tongue and groove profile for indoor and outdoor use

**KömaSteel**  
**KömaSteel** WHITEBOARD  
Steel composite sheet for a wide range of applications

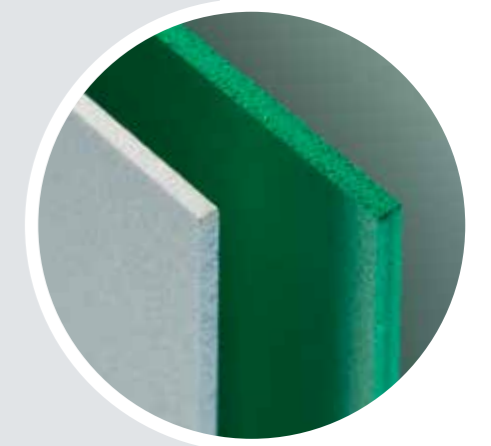
**KömaTex**®

## THE PERFECT SOLUTION FOR MANY APPLICATIONS

The flexible sheet from printing to shop design.

**KömaTex is the perfect material for realising creative ideas. The closed, matt, fine-textured, and high-quality surface presents an excellent substrate for printing, painting, and laminating, is very easy to process and is also flame retardant.**

All of this offers the best conditions for a wide range of use - especially in advertising. In the colour white 662 (similar to RAL 9003), the sheets are even weatherproof and weather resistant, making them the ideal material for outdoor applications as well.



**KömaTex samples:**

We will be pleased to send you on request our Kömmerling KömaTex samples free of charge. Email: [info@komasheets.com](mailto:info@komasheets.com)



# KömaTex®

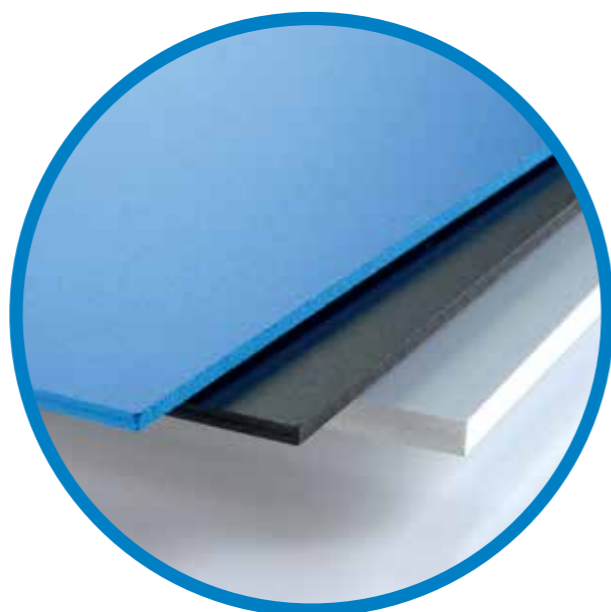
## Areas of application

### ADVERTISING SECTOR











- > Signs
- > Banners
- > Inscription panels
- > Displays
- > Shop window decorations
- > Exhibition and showroom stands
- > Digital printing
- > Photo lamination

### BUILDING SECTOR

- > Shop design
- > Interior finishing
- > Model building
- > Traffic signs for construction sites



## Standard colours

				
<b>White 662</b> similar to RAL 9003	<b>Agate grey 140</b> similar to RAL 7038	<b>Grey 191</b> similar to RAL 7037	<b>Red 491</b> similar to RAL 3000	<b>Green 591</b> similar to RAL 6024
				
<b>Signal yellow 750</b> similar to RAL 1003	<b>Yellow 791</b> similar to RAL 1018	<b>Navy blue 850</b> similar to PAN 288 C	<b>Blue 891</b> similar to PAN 300 U	<b>Black 991</b> similar to RAL 9011

The colour White 662 is especially suitable for outdoors. Colour PVC sheets are not UV and weather resistant over protracted periods. The colours are suitable for indoors only.

## Delivery programme

Dimensions (mm)	White 662 in thickness (mm)	Colours in thickness (mm)	Piece / pallet
3050 x 1220	1		200
3050 x 1560	1		150
3050 x 1220		3	80
3050 x 1560		3	80
3050 x 2050	3		80
3050 x 1220		5	50
3050 x 1560		5	50
3050 x 2050	5		60
3050 x 1220		6	40
3050 x 1220		8	50
3050 x 2050	8		30
3050 x 2050	10		30

Sheets are protective foiled on one side. All colours are available in 3 mm and 5 mm thickness. Other thicknesses on request.

## Features

- |   |  |   |
|---|--|---|
|  Uniformly and finely structured surface |  Ideal for punching work          |  Weatherproof and weather resistant (colour White 662) |
|  Fine-celled foam structure              |  Simple processing                |  Low water absorption                                  |
|  Good surface strength                   |  Lightweight                      |  Low thermal conductivity                              |
|  Excellent printing quality              |  Flame resistant                  |  100% recyclable                                       |
|  Good for laminating                     |  Thermoformable                   |   |
|  Very good for bonding                   |  Chemical and corrosion resistant |   |



## Excellent processing properties for realising your ideas

### Machining

Sawing, milling, drilling, cutting, perforating, and water jet cutting

### Forming

Deep and stretch drawing, folding, punching, bending, press forming, embossing, welding, and bonding

### Printing, painting, and laminating

Digital printing, screen printing, acrylic paints, 2C paints, commercially available art lacquers and linings



## Tolerances

Sheet thickness	Thickness tolerance	
	in mm	absolute in mm
1 mm	+ 0,10 / - 0,00	0,10
2 mm	± 0,20	0,20
3 mm	± 0,25	0,25
4 mm	± 0,30	0,30
5 mm	± 0,35	0,35
6 mm	± 0,40	0,40
8 mm	± 0,50	0,40
10 mm	± 0,60	0,60
12 mm	± 0,75	0,60
15 mm	± 0,75	0,60

Length tolerance: - 0 / + 8 mm  
 Width tolerance: - 0 / + 2,5 mm  
 Perpendicularity: 2 mm / m

## Stacking height of pallets

Format width	Maximum stacking height
1000 mm	3,00 m
1220 mm	4,00 m
1560 mm	4,00 m
2050 mm	4,80 m

The pallets must be stacked whenever possible with their original contents of identical items, from large to small.

### DIN ISO 9001

KömaTex has been EN ISO 9001 certified according to the criteria of our quality assurance system.

## Storage instructions

Always store KömaTex sheets on a level surface in a dry, air conditioned environment at about 15–20 °C. The packaged sheets may not be exposed to weathering effects and direct sunlight.

## Technical Data

	Test method	Unit	Value		
<b>Mechanical properties</b>					
Density	DIN EN ISO 845	g / cm <sup>3</sup>	- 0,50		
Tensile strength	DIN EN ISO 527	MPa	< 12		
Elongation at tear	DIN EN ISO 527	%	- 15		
Tensile modulus of elasticity	DIN EN ISO 527-2 / 1A / 50	MPa	- 800		
Flexural strength	DIN EN ISO 178	MPa	> 25		
Impact resistance	Based on DIN EN ISO 179	kJ / m <sup>2</sup>	> 10		
Roughness	DIN EN ISO 4288	µm	1–3 mm ≤ 4,5	4–6 mm ≤ 5	8–15 mm ≤ 6
Skinking	DIN EN ISO 11833	mm	± 8		
Ball indentation hardness	DIN EN ISO 2039-1	MPa	- 6		
<b>Thermal properties</b>					
Deflection temperature	DIN EN ISO 75 (process Ae)	°C	- 60		
Vicat A	DIN EN ISO 306 (process A50)	°C / min	50		
Coefficient of linear thermal expansion (from -30° C to +50° C)	DIN EN ISO 11359-2	mm/mK	≤ 0,085		
Thermal conductivity at room temperature	DIN EN ISO 22007	W/(mK)	0,08		
<b>Other properties</b>					
Printing / Painting			very good		
Digital printing			good		
Laminating			very good		
Colour			662 similar to RAL 9003, ΔE ≤ 1,3		
Deep drawing			conditional		
Fire class	DIN EN 13501-1 (EU)		B-s1d0 for 1 mm and C-s3d0 for 2-6, 8, 10 mm, C-s3d0 for colours 3+5 mm		
	NF P 92-501 (FR)		M1 for 2-6, 8, 10 mm (colour 3, 5, 8 mm only)		
	UL 94 (USA)		V0/5VB for 1 mm		
	BSE 476 : Part 7 (GB)		Class 1 for 6 mm		

Colour white 662 weather and light fastness according to DIN EN 513 for a period of 5 years. There may be slight differences depending on the colour. Subject to modification without prior notice.

# #KömmerlingForTomorrow

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