



Kömmerling®
TODAY FOR TOMORROW



INNOVATIVE SHEET FOR BEST PRINTING RESULTS

KömaPrint®

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 it 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

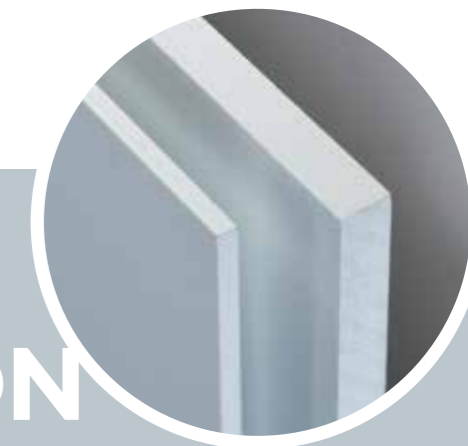
KömaStyle
Wall cladding system for modern interior design

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

KömaPrint®



OUR RECOMMENDATION FOR THE BEST PRINTING RESULTS

Thanks to the finely textured surface.

KömaPrint has been developed specifically for the needs of the printing industry. An innovative material with special properties for the perfect coverage of all printing and display design requirements.

The finely textured surface and the shining white material (similar to RAL 9003) present the perfect base for an excellent printed image. This material shows to advantage especially in screen and digital printing as well as laminations.

For display design, the combination of fine-celled structure and highly stabilising makeup makes KömaPrint a durable, yet lightweight material. In addition, it is moisture-resistant, and therefore suitable for indoor and outdoor applications to an equal degree. Whether series or custom production, punching, trimming, sawing, or cutting: KömaPrint offers the best product properties for a wide range of further processing options.



KömaPrint samples:

We will be pleased to send you on request our Kömmerling KömaPrint samples free of charge.
Email: info@komasheets.com

KömaPrint®

Areas of application

ADVERTISING SECTOR

- > Digital printing
- > Screen printing
- > Photo lamination
- > Signs
- > Displays
- > Banners
- > Lettering
- > Promotion
- > Shop window decorations

OTHER

- > Presentations
- > Exhibitions
- > Puzzles
- > Decorations



Delivery programme

Dimensions (mm)	White 667 in the thicknesses (mm)	Piece / Pallet
3050 x 1220	2	140
3050 x 1560	2	140
3050 x 2050	2	90
2440 x 1220	3	125
3050 x 1220	3	125
3050 x 1560	3	100
3050 x 2050	3	80
2440 x 1220	5	100
3050 x 1220	5	70
3050 x 1560	5	60
3050 x 2050	5	60
3050 x 1560	8	50
3050 x 2050	8	30
2440 x 1220	10	50
3050 x 1220	10	40
3050 x 1560	10	40
3050 x 2050	10	30

Sheets are coated with protective film on one side. Protective film on both sides on request.

Ecological manufacture

In line with our environmental guidelines, Kömmerling PVC-U sheets are safe for humans and the environment during their manufacture, use, and disposal. They are free of formaldehyde, asbestos, lindane, PCB, PCP, CFCs, cadmium, and lead and do not contain any monomers, biocides, or plasticisers. At the end of their service lives, the sheets or sheet residue can be recycled. They are processed in shredders or grinders and then introduced to the manufacturing process for new sheets.

Certified quality

True to our “Ever better principle”, the acclaimed high quality of our products bear the hallmarks of our research and development work as well as decades of experience with synthetic materials. Tests are conducted over all stages – from the incoming raw materials to the final inspection of the finished products. Regular examinations by independent testing institutes confirm this high level of care. Logically, our quality assurance system has been DIN ISO 9001 certified.

Features

- Uniformly and finely structured surface
- Ideal for cutting, trimming, and sawing
- Ideal for punching work
- Fine-celled foam structure
- Excellent printing qualities
- Moisture resistant
- Colour 667 bright white
- For reliable printing processes
- Flame resistant
- Lightweight
- Good for laminating
- For internal and external applications
- Simple processing
- Very good for bonding
- 100 % recyclable





FOR APPLICATIONS MAKING A GOOD IMPRESSION

Best conditions for digital printing.

Thanks to its excellent printing and processing properties, KömaPrint is ideal for digital and screen printing applications, whether for signs, displays, banners, lettering, promotional articles, shop window decorations, or photo laminations. A real star for an impressive show. The outstanding printing results made possible with KömaPrint also make this sheet the ideal substrate for presentations, exhibitions, puzzles, and decorations.

Optimal printing and processing properties

Machining

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

Forming

Folding, bending, punching, 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
2 mm	+ 0,10 / - 0,25	0,25
3 mm	+ 0,10 / - 0,30	0,30
4 mm	+ 0,10 / - 0,35	0,35
5 mm	+ 0,10 / - 0,40	0,40
6 mm	+ 0,10 / - 0,50	0,45
8 mm	+ 0,10 / - 0,55	0,50
10 mm	+ 0,10 / - 0,70	0,60

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

Stacking height of sheets

Format width	Maximum stacking height
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.

Correct storage

Always store KömaPrint 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
Mechanical properties			
Density	DIN EN ISO 1183	g/cm³	- 0,50
Tensile strength	DIN EN ISO 527	MPa	> 10
Elongation at tear	DIN EN ISO 527	%	- 12
Tensile modulus of elasticity	DIN EN ISO 527-2 / 1A / 50	MPa	- 600
Flexural strength	DIN EN ISO 178	MPa	- 20
Impact resistance	DIN EN ISO 179 (based on)	kJ/m²	> 8
Roughness	DIN EN ISO 4288	µm	2 mm ≤ 4 3 mm ≤ 4,5 4–6 mm ≤ 5 7+8 mm ≤ 6
Shrinking	DIN EN ISO 11833	mm	± 8
Ball indentation hardness	DIN EN ISO 2039-1	MPa	- 5
Thermal properties			
Deflection temperature	DIN EN ISO 75 (process Ae)	°C	- 58
Vicat A	DIN EN ISO 306 (process A50)	°C/min	72
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)	0,07
Other properties			
Printing / painting			very good
Digital printing			very good
Laminating			very good
Colour			667 similar to RAL
Maximum colour deviation (CIELAB)			ΔE ≤ 1,3
Deep drawing			no
Fire behaviour	DIN EN 13501-1 (EU)		C-s2d0 for 2-4 mm, C-s3d0 for 5 mm
	NF P 92-501 (FR)		M1 for 2–5 mm
	CSE - RF 2/75/A (IT)		Classe 1 for 2–5 mm

Weather and light fastness according to DIN EN 513 for a period of 3 years. Subject to modifications without prior notice.

#KömmerlingForTomorrow

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