PRODUCT DIRECTORY

2019-2020 UK and Ireland
Window and Door Systems

KÖMMERLING®

AN UNRIVALLED RANGE OF PVCu SYSTEMS

With outstanding systems and technologies.

The KÖMMERLING product range is the most expansive collection of PVCu window and door systems in the UK and Ireland based on an unrivalled reputation for product design and technological innovation. This product directory highlights some of the key features of these systems, yet further information is available on other specific literature and at www.kommerling.co.uk.

Our window and door systems begin with our 70 mm platform and have been a benchmark for performance in the UK and Ireland for several years. In 2019 we're also launching the outward opening variants of KÖMMERLING 76 including flush sash, casement and fully reversible windows which boast a number of technological features. There are also a number of hybrid options with an aluminium exterior and other profile technologies which open up new design concepts, finishes and product specifications.

Our window and door systems have been a true benchmark for performance in the UK and Ireland for several years.

CONTENTS

KÖMMERLING 70

For many years our 70 mm PVCu window and door systems have been regarded as the pinnacle in the industry with class leading quality, design engineering and energy efficiency.

STANDARD
U_W VALUE OF

1.3

W/(m²K)

KÖMMERLING C70
WINDOW & DOOR SYSTEM

- U_w value down to 1.3 W/(m²K), double glazed; 0.85 W/(m²K) triple glazed with improved energy specification.
- Available from stock in 11 finishes, out of a total of nearly 100.
- Fully integrated system of window and door profiles.
- Contemporary chamfered lines for a clean design.
- Five chambered profiles and use of greenline compound.
- Also benefits from slim sash, Georgian bar and sash horn options.

STANDARD
U_W VALUE OF

1.3

W/(m²K)

KÖMMERLING O70
WINDOW & DOOR SYSTEM

- U_w-value down to 1.3 W/(m²K), double glazed; 0.85 W/(m²K) triple glazed with improved energy specification.
- Available from stock in 10 finishes, out of a total of nearly 100.
- Fully integrated system of window and door profiles.
- Traditional ovolo design, for timber effect detailing.
- Five chambered profiles and use of greenline compound.
- Also benefits from Georgian bar and sash horn options.

STANDARD
U_W VALUE OF

1.3

W/(m²K)

KÖMMERLING C70/O70
ALUSTAR SYSTEM

- U_w-value down to 1.3 W/(m²K), double glazed; 0.85 W/(m²K) triple glazed with improved energy specification.
- Contemporary aluminium external cover capping, offering the best properties of aluminium and PVCu.
- Option of chamfered or ovolo internal detail.
- Hybrid design is perfect for domestic and commercial applications.
- Outside aluminium look, inside neutral white or foiled finishes of nearly 100.
- Almost unlimited choice of colour of the aluminium cladding, due to anodising and powder coating options.

STANDARD
U_W VALUE OF

1.3

W/(m²K)

KÖMMERLING 70 PREMIFOLD
DOOR SYSTEM

- A revolutionary, slide, swing and folding door system.
- Each sash moves independently of one another for a number of opening options.
- PAS 24 certified and Document Q compliant door solution.
- Harnesses existing KÖMMERLING C70 and O70 profiles.
- No visible hinges and hardware.
- Capable of achieving large spans, for domestic and commercial applications.
- Now available on KÖMMERLING 76.

FOILED FINISHES

Within KÖMMERLING 70 there are wide range of stock foiled options and also other finishes available on a lead time for special projects. Please refer to pages 14-15 for further details.

KÖMMERLING 76

KÖMMERLING 76 is a next generation platform of PVCu window and door systems, packed with technological features and boasting three pending patents. These windows offer unrivalled energy efficiency, along with outstanding sound reduction properties.

STANDARD
U_w VALUE OF

1.2
W/(m²K)

KÖMMERLING 76
FLUSH SYSTEM

- Can be either welded or mechanically jointed for a true period window design.
- 76 mm platform offers unrivalled energy efficiency credentials.
- Unique centre seal offers outstanding weathering against wind and rain.
- Butt hinges also available for an authentic period window design.
- Overall window design allows for the central location of the glazing unit for better load distribution.
- Offered in a wide range of foiled finishes including dual colours.

KÖMMERLING 76
CASEMENT SYSTEM

STANDARD
U_w VALUE OF

1.2
W/(m²K)

- Typical U_w value of 1.2 W/(m²K) in standard specification and down to 0.82 W/(m²K) with our improved energy specification, far out performing typical 70 mm window systems.
- Shares the same frames, mullions and glazing beads as the rest of the KÖMMERLING 76 platform.
- Part of a fully integrated 76 mm platform with a wide range of ancillaries.
- Designed with a number of bevelled and ovolo glazing bead options up to 48mm.
- Centre seal option makes for a triple seal solution offering thermal, acoustic and weathering benefits.
- Offered in a range of traditional and modern foiled finishes out of a total range of nearly 100.

STANDARD
U_w VALUE OF

1.2
W/(m²K)

KÖMMERLING 76
FULLY REVERSIBLE SYSTEM

- Typical U_w value of 1.2 W/(m²K) in standard specification, far outperforming typical 70 mm window systems.
- Shares the same sightlines as the flush sash so there can be symmetry between first floor and above windows and those at ground level.
- Offers outstanding performance credentials for the commercial sector, where thermal performance, weathering and acoustics are important project criteria.
- There are a wide range of foiled finishes including matt anthracite and the latest in vogue shades of grey from stock.
- Designed with a number of bevelled and ovolo glazing bead options up to 48 mm as standard.

FOILED FINISHES

Within KÖMMERLING 76 there are wide range of stock foiled options and also other finishes available on a lead time for special projects. Please refer to pages 14-15 for further details.

KÖMMERLING 76

STANDARD U_w VALUE OF
1.1
W/(m²K)

KÖMMERLING 76
TILT AND TURN SYSTEM

- New generation 76 mm platform with 6 & 7 chambers.
- Capable of a U_w value of 1.0 W/(m²K) in the centre seal variant and 1.1 W/(m²K) in the double seal variant as standard.
- Wide glazing range up to 48 mm for installation of triple and special functional glazing.
- Offers enhanced acoustic properties, thanks to a clever multi-chambered design.
- AluClip, AluClip Pro and Passivhaus options expand the product capabilities.
- Available from stock in over 40 finishes, out of a total of nearly 100, along with proCoverTec in 26 different colours.

STANDARD U_w VALUE OF
1.2
W/(m²K)

KÖMMERLING 76
ALUCLIP SYSTEM

- Impressive thermal insulation compared with aluminium windows, with a U_w value of 1.2 W/(m²K) as standard.
- Cost effective hybrid window design for domestic, commercial and new build applications.
- Offset window design of straight lines with butt joined aluminium profiles.
- Wide glazing range up to 48 mm for installation of triple and special functional glazing.
- Outside aluminium look, inside neutral white or foiled finishes of over 40
- Almost unlimited choice of colour of the aluminium clading, due to anodising and powder coating options.

STANDARD U_w VALUE OF
0.9
W/(m²K)

KÖMMERLING 76
ALUCLIP PRO SYSTEM

- Impressive thermal insulation compared with aluminium windows, with U_w value of 0.93 W/(m²K) as standard.
- Functional aluminium profile applied to PVC-U profile for high static stability.
- Flush external appearance with a chambered aluminium profile
- Wide glazing range up to 48 mm for installation of triple and special functional glazing.
- Almost unlimited choice of colour and finish of the aluminium cladding.
- Option of high performance Passivhaus standard with proEnergyTec profiles shown.

KÖMMERLING 76 - ALUCLIP ZERO

STANDARD U_w VALUE OF
1.2
W/(m²K)

ALUCLIP ZERO
ALUMINIUM

- Aluminium look window.
- Glass pane lies on the same level in the window sash as in fixed glazing.
- Glazing 36-48 mm thick and a U_w value of 1.1–1.2 W/(m²K).
- Recyclable with outside aluminium look, inside neutral white.
- Almost unlimited choice of colour of the aluminium covers due to finishing techniques such as anodised or powder finishing.

STANDARD U_w VALUE OF
1.2
W/(m²K)

ALUCLIP ZERO
FLUSH

- Flush mounted look.
- Virtually flush-mounted glass pane for unique design appearance.
- Glazing 48-56 mm thick and a U_w value of 1.1–1.2 W/(m²K).
- Recyclable with outside aluminium look, inside neutral white.
- Almost unlimited choice of colour of the aluminium covers due to finishing techniques such as anodised or powder finishing.

STANDARD U_w VALUE OF
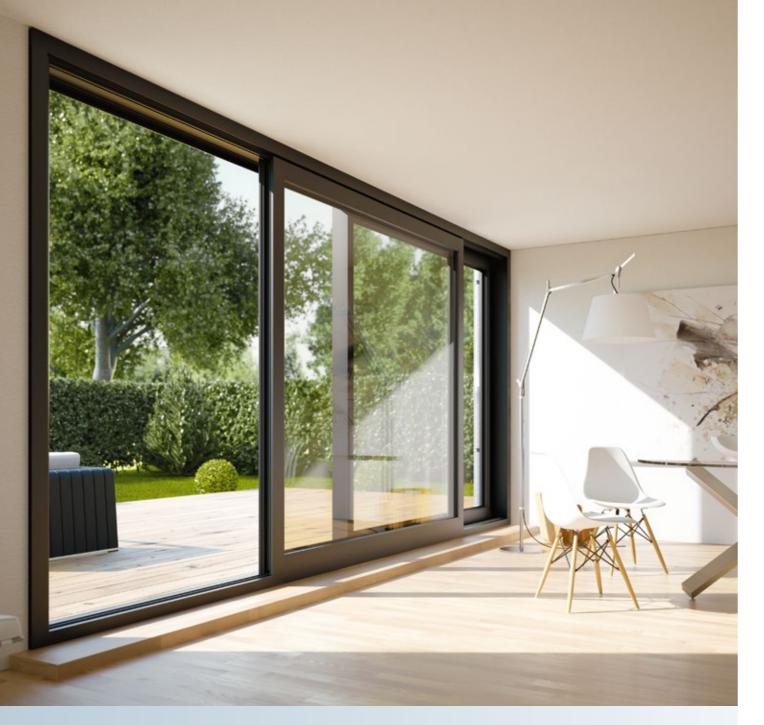### 1.2
W/(m²K)

ALUCLIP ZERO
GLASS

- All-glass look, sash invisible from the outside.
- Virtually identical sash and glass level.
- Glazing 36-48 mm thick and a U_w value of 1.1–1.2 W/(m²K).
- Recyclable with outside aluminium look, inside neutral white.
- Almost unlimited choice of colour of the aluminium covers due to finishing techniques such as anodised or powder finishing.

FOR ANY SIZED OPENING

SLIDING DOOR SYSTEMS

For unrivalled performance, appearance and functionality.

Our sliding door systems benefit from German engineering not just in terms of our profile design but also in the hardware and in other moving parts.

STANDARD
U$_D$ VALUE OF

1.4

W/(m²K)

PREMILINE
SLIDING PATIO DOOR SYSTEM

- Option of 2, 3 or 4 panel openings and also the enhanced and patented enhanced security PremiLine Pro variant.
- Offers high security and large units are easily achieved.
- High quality stainless steel tracks guarantee the maximum possible service life.
- New soft-close hardware technology now available.
- Outer frames can be welded or mechanically jointed.
- Low threshold and full length aluminium handle options available.
- Unique triple track variant, offers additional functionality.
- Available from stock in 11 finishes, out of a total of nearly 100.

STANDARD
U$_D$ VALUE OF

1.4

W/(m²K)

PREMILINE PRO
SLIDING PATIO DOOR SYSTEM

- The pioneering PVCu patio door that carries PAS 24 without the use of plunge bolts.
- It also meets the Lifetime Homes standard and meets Document Q of the Building Regulations.
- Perfect for residential, commercial and new build sectors, where unrivalled security is paramount.
- Can offer 2, 3 or even 4 panel openings.
- Ingenious, patent protected design with hidden locking mechanism at the interlock.

STANDARD
U$_D$ VALUE OF

1.4

W/(m²K)

PREMIDOOR 76
LIFT AND SLIDE SYSTEM

- Innovative lift and slide door system with 76 mm sash depths.
- Maximum element size of 6.5 m wide x 2.6 m high in the two-pane variant – 3 & 4 pane options also available.
- Typical U$_D$ value of 1.4 W/(m²K) – with Passivhaus U$_D$ value of 0.8 W/(m²K).
- Offers impressive acoustic and weathering properties.
- Option of revolutionary 'soft close' technology.
- Available from stock in 10 finishes, out of a total of nearly 100, along with proCoverTec in 26 different colours.
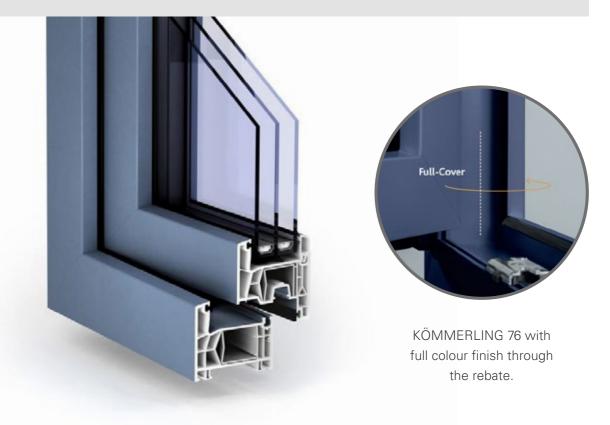- AluClip exterior and slimline Lux variants also available.

PROTECTED BY COLOUR

pro Cover Tec
protected *by* **colour**

With pioneering surface technology.

This new, unique, and innovative surface finish combines function with longevity and aesthetics. The proCoverTec surface is extremely tight and homogeneous, and its satin look lends your window profiles a quality look with a slightly textured, pleasant feel. It offers the optimal protection for your window profiles and minimises dirt deposits.

Choose from our unmistakable range of 22 plain and 4 new metallic colours. The windows are can be coloured to the outside, while the inside remains neutrally white or can benefit from a full colour option.

Full-Cover

KÖMMERLING 76 with full colour finish through the rebate.

2019-2020 COLOUR PROGRAMME

Colour / Foil	Flat Ivory	Mahogany	White Ash	Cream	Irish Oak	Golden Oak	Rosewood		Black / Brown	Chartwell Green	Grained Anthracite Grey	Smooth Slate Grey	Painswick (Agate Grey)
Base (when foiled both sides)	N/A	Black / Brown	N/A	White	Caramel	Caramel	Black / Brown		Black / Brown	N/A	Black / Brown	N/A	N/A
Gasket Colour	Black	Black	Black	Black	Black	Black	Black		Black	Black	Black	Black	Black
KÖMMERLING C70	HC	BS* / OS*	BS	BS / OS	BS / OS	BS / OS	BS / OS		BS / OS	OS	BS / OS	OS	OS
KÖMMERLING O70	–	SO	BS	BS / OS	BS / OS	BS / OS	BS / OS		BS / OS	OS	OS	SO	SO
Premiline	HC	BS* / OS*	BS	BS / OS	BS / OS	BS / OS	BS / OS		BS / OS	OS	BS / OS	OS	SO
Premidoor 76	SO	SO	SO	SO	SO	SO	SO		SO	SO	SO	SO	SO

Colour / Foil	White Ash	Cream	Painswick (Agate Grey)	Quartz Grey	Smooth Anthracite Grey	Silvered Oak	English Oak
Base (when foiled both sides)	White	Ivory	White	N/A	N/A	White	Caramel
Gasket Colour	Silver	Silver	Silver	Black	Black	Black	Black
KÖMMERLING 76	BS	BS	OS	OS	OS	Dual Colour**	BS

Key:

BS	Both Sides
OS	One Side
HC	Hot Climate Mix
SO	Special Order
*	Special Order from January 2020
**	White Foil Internal

FLAT IVORY

WHITE ASH

CREAM

IRISH OAK

GOLDEN OAK

MAHOGANY

ROSEWOOD

CHARTWELL GREEN

PAINSWICK (AGATE GREY)

BLACK/ BROWN

QUARTZ GREY

SMOOTH SLATE GREY

GRAINED ANTHRACITE GREY

SMOOTH ANTHRACITE GREY

SILVERED OAK

ENGLISH OAK

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