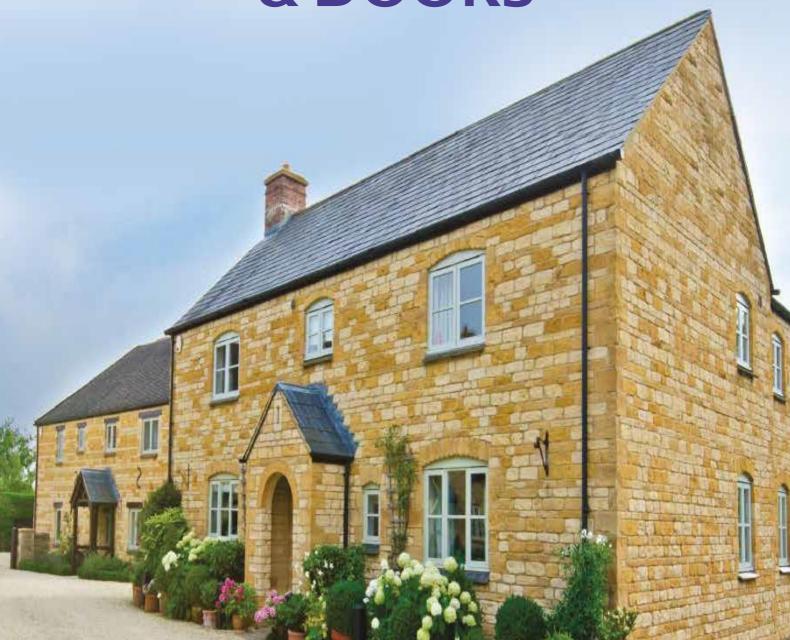


#### STYLISH RANGE OF PVCu WINDOWS & DOORS



## CREATE A STYLISH WARM & SECURE HOME

Industry leading Kömmerling PVCu, windows and doors.

At first glance, PVCu windows and window profiles look very similar. However, on further inspection, you'll soon come to discover that their quality characteristics can difer considerably. KÖMMERLING as a window systems manufacturer enjoys an unrivalled global reputation for our high quality products and advanced technologies



#### THE SMART CHOICE

KÖMMERLING 70 is uncompromisingly good. It of ers you all the benefits of a modern PVCu window, from cutting edge technological design to function, along with outstanding performance credentials and sympathy to the environment. It is also designed to satisfy future needs and requirements.

Maintenance for PVCu systems is simple and straightforward, with a routine 'wipe-clean' all that is required to keep the products looking their best. With no requirement for re-painting or re-varnishing, PVCu windows and doors will never fade, deteriorate or rust, even in harsh environments, or coastal locations.



#### **QUALITY**

Each of our products come with all the assurance you would expect from the UK's leading PVCu system.

Manufactured using state-of-the-art machine centres and dedicated production lines ensures you have precision engineered PVCu products every time.

#### **SAFE & SECURE**

Using police approved multi-point locking systems and the UK's most secure cylinder, we really have your security covered.

#### Ultions key features include:

Double snap resistance



11 Individual pins
(twice as many as standard cylinders)

Wearly 300,000 key combinations

The Anti drill, pick and bump











#### **PVCu CASEMENT WINDOWS**

Our O70 sculptured and C70 chamfered window has long been a market leader and a barometer for technical excellence. This C70 design of ers a subtle chamfer at the edge, which is perfect for the requirements of modern living. The O70 has ovolo detailing to the edge of the window profiles and on the glazing beads. It's a perfect solution where a decorative, period detail is required, often matching to existing skirting boards. There's also the ofer of several different colours including the on trend options of Anthracite Grey or Painswick (Agate Grey).

This window can also be made available with casement horns and Georgian bars, for a more period appearance, bolstered by the options of Irish and Golden Oak lifelike foiled finishes. It's also a window that ofers incredible levels of energy eficiency for a 70 mm deep window with a market leading Uw-value of 1.2 W/(m2K) and it also ofers impressive sound reduction properties to 42dB.

KEY FEATURES	
Application	Domestic / Commercial
Profile Sash	Ovolo/Chamfered
Security	Multi-point locking espag, Inline locking handle as standard
Frame depth	70mm
U Value	1.2 - 1.4 w/m2k
SH Max o/a width	700mm
SH Max o/a height	1300mm
TH Max o/a width	1300mm
TH Max o/a height	1300mm
WER	A - C
Add ons	15mm, 25mm, 50mm
Bead	Internal
Cills	85mm, 150mm, 180mm
Glazing	DG 28mm / TG 36mm
Astragal Bar	18mm
Run Through Sash Horns	Available





Britain









Strong & Secure

Accredited

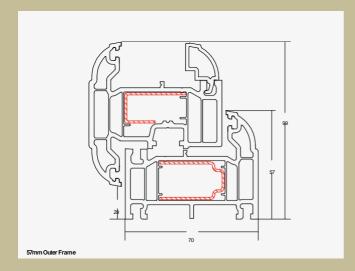


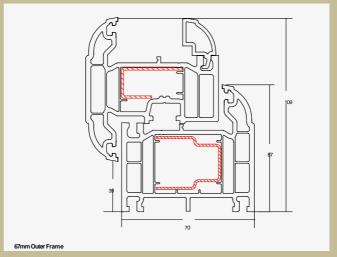




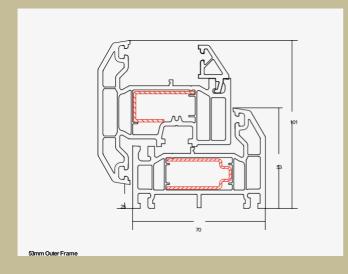
KÖMMERLING 70 is also made of a PVCu that has the greenline label. In other words, no lead has been used to stabilise the PVCu. Instead, an environmentally friendly calcium-zinc based stabiliser has been used. And what happens at the end of its life cycle? The old window components are used to make new ones. Our recycling initiative facilitates a sustainable materials cycle. When the proEnergyTec profiles are filled with a foam, only green propellants are used and so during the recycling process, the foam and PVC can be cleanly separated from each other.

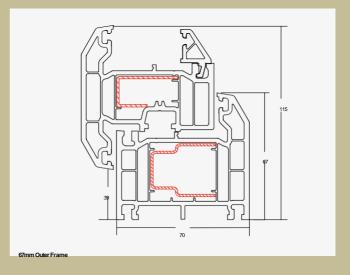
#### **070 OVOLO PROFILE**





#### **C70 CHAMFERED PROFILE**









Our windows have been designed to ofer the highest levels of security. With over 1 million burglaries or attempted burglaries each year in the UK, it's important to make your home secure and we're here to help.

All our C70 and O70 windows have multi-point locking systems and lockable handles.







Tilt and turn windows form the vast majority of PVCu window sales in Europe and KÖMMERLING has proven to be a market leader in this type of window development with cutting edge technologies. These windows can be cleaned from the inside, yet also ofer a clever tilting function for perfect ventilation. They are also highly secure and ofer the same impressive levels of energy eficiency and sound reduction as the C70 and O70 casement windows, along with an impressive range of colours and woodgrains.

For dificult to reach windows in kitchens and bathrooms, the tilt and turn window is a practical alternative to the outward opening casement window.

#### **KEY FEATURES**

Application	Domestic / Commercial
Profile Sash	Ovolo/Chamfered
Security	Multi-point locking, Inline locking handle as standard
Frame depth	70mm
U Value	1.2 - 1.4 w/m2k
Max o/a width	1300mm
Max o/a height	1900mm
Max weight	100kg
WER	A - C
Add ons	15mm, 25mm, 50mm
Bead	Internal
Cills	85mm, 150mm, 180mm
Glazing	DG 28mm / TG 36mm
Astragal Bar	18mm











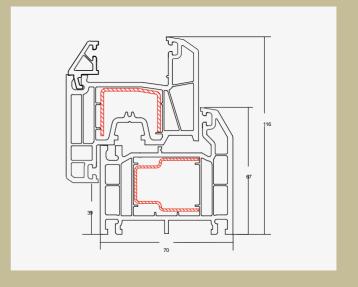


Strong & Secure



#### **O70 OVOLO PROFILE**

#### **C70 CHAMFERED PROFILE**









#### **PVCu PANEL DOORS**

We're all proud of our homes and the decision to invest in windows and doors is an important one.

Beautiful looks, lasting performance, high security and energy efciency are the key ingredients in our products.

KÖMMERLING been sensitive to the environment for many years and that includes our unique greenline, lead free compound, that's inherent in all of our window and door systems.

Application	Domestic / Commercial
Profile Sash	O70 / C70
Security	Ultion (diamond accredited) Cylinder as standard - multi-point locking
Proifile Width	70mm
U Value	1.2 - 1.4 w/m2k
Single Max Width	1000mm
Single Max Height	2200mm
Double Max Width	2000mm
Double Max Height	2200mm
Glazing	DG 28mm / TG 36mm
Add ons	15mm, 25mm, 50mm
Bead	Internal
Thresholds	57mm, 67mm, 15mm Aluminium
Cills	85mm, 150mm, 180mm
Glazing	DG 28mm / TG 36mm











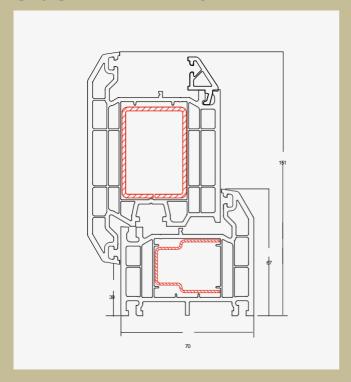
Secure Accredited



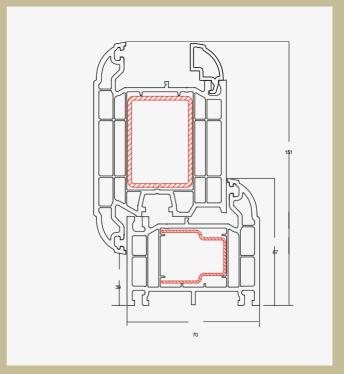
Our KÖMMERLING 70 window and door system helps you to fulfil your need for a light enriched living environment with a well ventilated atmosphere. It also makes optimum use of sunlight to reduce heating costs, even when the outdoor temperature is cold.



#### **C70 CHAMFERED PROFILE**



#### **070 OVOLO PROFILE**





French Doors are available in both C70 and O70 profile to seamlessly match your Kömmerling windows, and are available in the same range of stunning colours

They ofer excellent intrusion protection with PAS 24 and Ultion high security 3 diamond rated cylinders as standard. Incorporating maximum steel reinforcement and weldable corner joints for high stability. All French doors have a wide range of standard and low threshold options available.

With superior protection against wind and rain and very high heat insulation.

#### **KEY FEATURES**

Application	Domestic / Commercial	
Profile Sash	O70 / C70	
Security	Ultion (diamond accredited) Cylinder as standard - multi-point locking	
Proifile Width	70mm	
U Value	1.2 - 1.4 w/m2k	
Single Max Width1000mm		
Single Max Height	2200mm	
Double Max Width	2000mm	
Double Max Height	2200mm	
Glazing	DG 28mm / TG 36mm	
Add ons	15mm, 25mm, 50mm	
Bead	Internal	
Thresholds	57mm, 67mm, 15mm Aluminium	
Cills	85mm, 150mm, 180mm	
Glazing	DG 28mm / TG 36mm	











Strong & Accredited





#### **FLUSH SASH WINDOWS**

Our flush sash window inside and out is packed with heritage features ofering consumers the benefit of high performance PVCu window design with the detailing of yesteryear. A wide range of period inspired finishes help transform the overall appeal with the added benefit of tear drop or monkey tail handles in a number of finishes. Other features include a plant on Georgian bar and the opening sash itself is one of the most energy eficient and well-designed in it's class.

Window design has evolved in recent years, with more use of large openings, helping to accommodate larger areas of glass that can be achieved particularly well with the KOMMERLING Flush Sash. Large side openers and fixed lights ofer perfect window symmetry and the maximum passage of light. These windows also ofer perfect architectural appeal, whatever the property and location.

KEY FEATURES	
Application	Domestic
Profile Sash	Chamfered
Security	Multi-point locking espag, Inline locking handle as standard
Frame depth	70mm
U Value	1.2 - 1.4 w/m2k
SH Max o/a width	850mm
SH Max o/a height	1450mm
TH Max o/a width	1200mm
TH Max o/a height	1000mm
WER	A - C
Add ons	15mm, 25mm, 50mm
Bead	Internal
Cills	85mm, 150mm, 180mm
Glazing	DG 28mm / TG 40mm
Astragal Bar	18mm





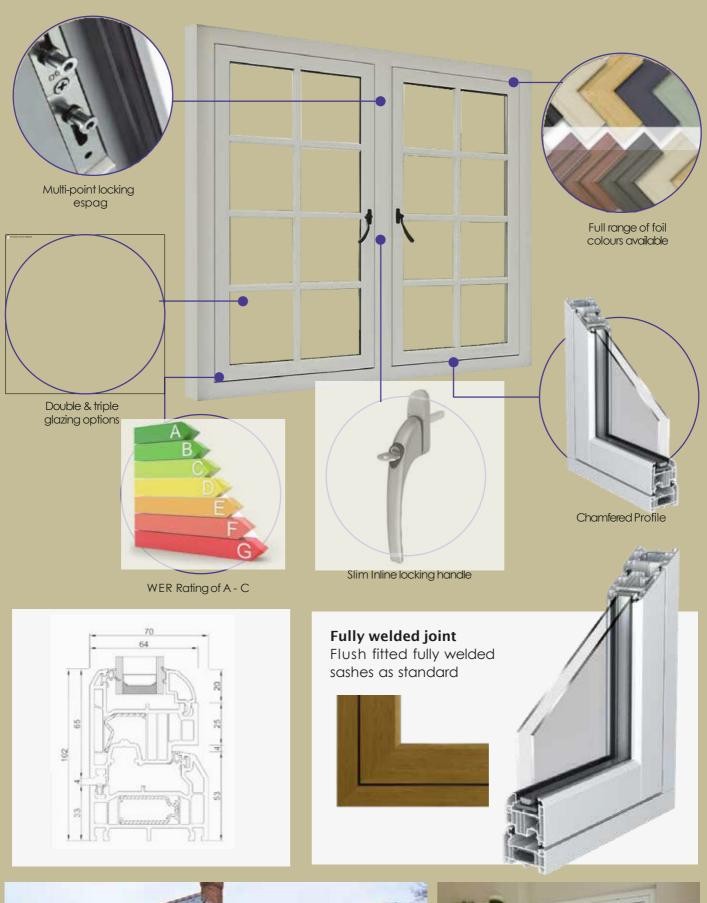






Strong & Secure

SBD Accredited









#### YOUR DOOR LOCKS MAY BE AT RISK

#### See how quickly locked doors can be opened

The first thing you want from a door is to keep the bad guys out. You will be suprised how quickly locked doors open when a standard lock is used



#### ULTION \*\*\* PLUS

#### Ultion is still snap secure with the key in the inside of the lock

Its something we all do, we lock the door and leave the key in the lock on the inside. Even with the most snap secure locks leaving the key in the lock can completely remove any snap protection you thought you had.

#### Ultion Benefits

- 11 Pins
- 8 Drill defences
- 25% Denser than iron
- Lockdown mode! Hidden locks engage when attacked
- Bump safe
- Tested by Locksmiths
- Secured by Design
- Approved by the Police

IF AN INTRUDER BURGLES YOUR HOME BY SNAPPING ULTION WE PAY YOU £2000

"73% of burglaries are through the door"

Statistic from the Ofce of National Statistics

Ultion has passed all major british standards test for security. Ultion meets the highest TS007 standard (3 star) without needing to be bolstered with support of cylinder protectors or extra secure door handles. Sold Secure Diamond is a test developed in conjunction with The Master Locksmith Association. Test's designed by locksmiths.

### ENERGY SAVING & GLOBAL WARMING EXPLAINED...

#### ...an issue that efects us all

"Almost half the CO2 emissions in the UK are produced by lighting, heating or cooling our homes and ofces"

All our Kömmerling windows are "A Rated" as Standard

In 1997 thirty eight industrialised nations from across the world established and signed The Kyoto Agreement. The main aim of the agreement was to combat Global Warming by ensuring that members of the agreement reduce the amount of carbon emissions or greenhouse gasses. Each member was given an individual target they MUST achieve by the year 2012. The UK agreed to reduce it's emissions by 12.5%. To achieve this the government is introducing numerous green policies

# A B C D E F C

#### I WANT NEW WINDOWS...

#### ...which is the best choice I can make?

Prevention of heat loss from buildings is an extremely important way of helping to reduce carbon emissions. In 2002 the government revised Part L of the Building Regulations which sets the standards for energy efciency in buildings.

More recent developments include the British Fenestration Rating Council (BFRC) energy rating scheme for windows. This is modeled on similar systems already in operation on items such as fridges or washing machines. The BFRC rating simply and efectively assesses the energy performance of a window. They are rated using an A to G scale on the basis of their total energy efciency.

An A-rated window is more energy efcient than a G-rated window. Windows with a rating of A to C are entitled to apply for and use the prestigious government backed Energy Saving Recommended logo.

"It is now legal requirement to have at least C rated windows, but you wouldn't buy a washing machine or a fridge with anything less than an A Rating now would you"



## UPVC WINDOWS SETS THE STANDARD FOR ENERGY EFFICIENCY

A lot of companies talk the talk regarding energy efciency, but we walk the walk as well.

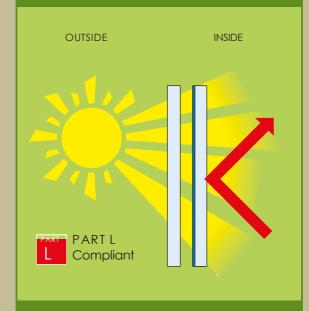
As a long-standing Kommerling supplier, our five chambered lead free uPVC windows sets the standard for energy efciency.

For your customers energy efcient double glazing means they can save in the region over £100 each year on their energy bills, which at a time of rising commodity and fuel prices is a huge selling point. So it pays to choose a supplier of the most highly energy efcientwindows and doors

You will be familiar with our industry's window energy rating scheme which checks the energy efciency of windows, with 'A' rating being the highest achievable score. We are proud to ofer 'A' and 'B' rated windows which demonstrates our commitment to helping you give your customers the best.

And along with reduced bills, energy saving double glazing will keep your customers home's warmer and give them a more relaxing living space as it will reduce draughts and eliminate outside noise.

Whole Window U-Value
1.2-1.4 Wm<sup>2</sup>K



Our Window utilises energy efcient glass, this has a special coating that is designed to reflect heat back. This helps reduce energy loss even further allowing us to achieve the ultra low U-value of 1.2-1.4 Wm<sup>2</sup>K

#### What is a U-Value

A U-value is the measurement of which heat is lost through a material. The lower the heat loss through a material the lower the energy wasted and the lower the U-value.



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