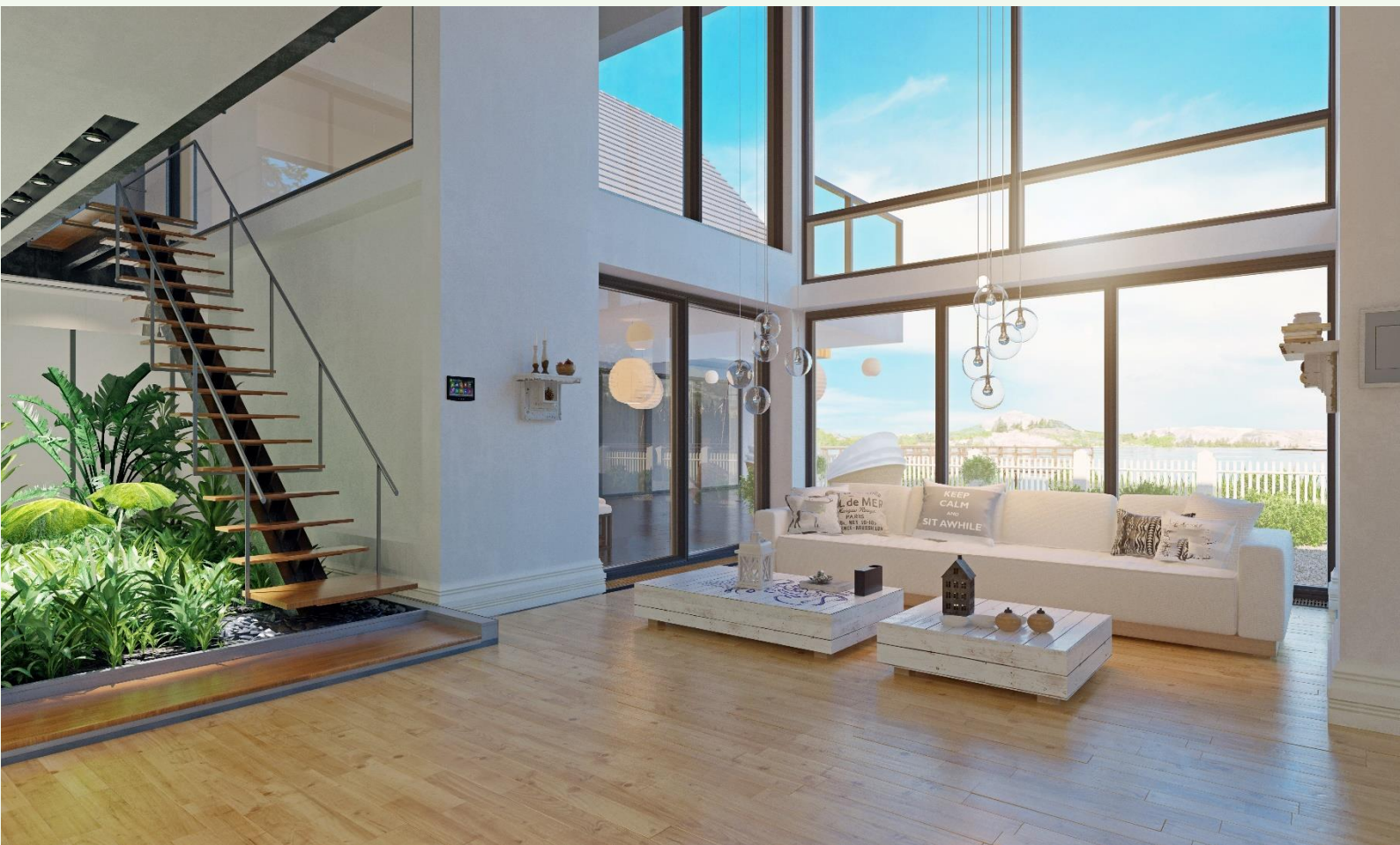




# Timber Windows & Doors

*Sustainable Construction Services (SCS) supplies and installs high-quality European timber windows and doors. Windows and doors are customised for each project through advanced and innovative manufacturing technologies (e.g., CNC machining).*

*Please contact SCS for further information and pricing for your timber window and door projects.*



## ***Add a special feature to your home or office***

***A window is not just glass and wood.***

***A window is a view to the outside world.***

*Windows are beautiful features that allow us to see into the distance and let our thoughts wander. Windows create a pleasant, welcoming living atmosphere and give your space a unique appearance.*

*Windows and doors give you light, warmth, safety, and security. We supply high-quality products to suit each individual project. Choose between modern timber products, timber-aluminium composite products, passive house windows and doors, security projects, and acoustic products. Our products can be designed to your exact specifications.*



## Product Features

### High-strength, secure hardware:

- Steel security bolts (also known as mushroom head pins) are located at multiple locations around the frame. These multiple-point bolts resist prying attempts, completely securing the opening
- Security can be increased by increasing the number of steel security bolts. Different security levels are rated from RC1 (standard) to RC3
- High-quality steel hinges to be used for maximum durability
- Hardware options to allow sashes up to 150 – 200 kg to operate smoothly

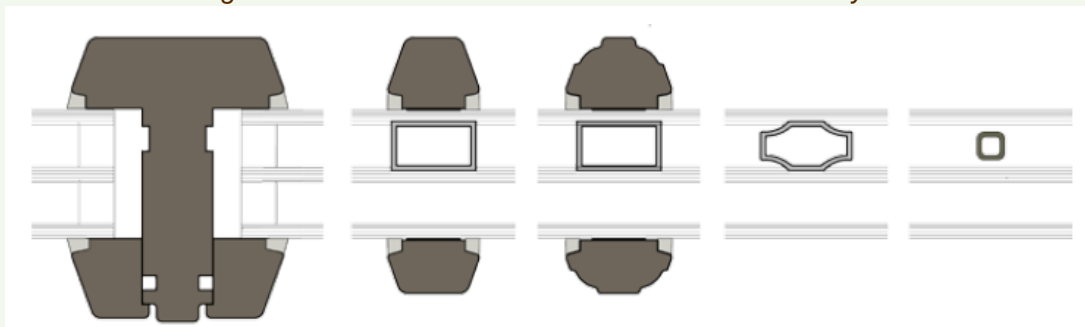


### Additional profiles and features:

- Timber is highly customisable with various add ons and profiles that can be mounted to products as required

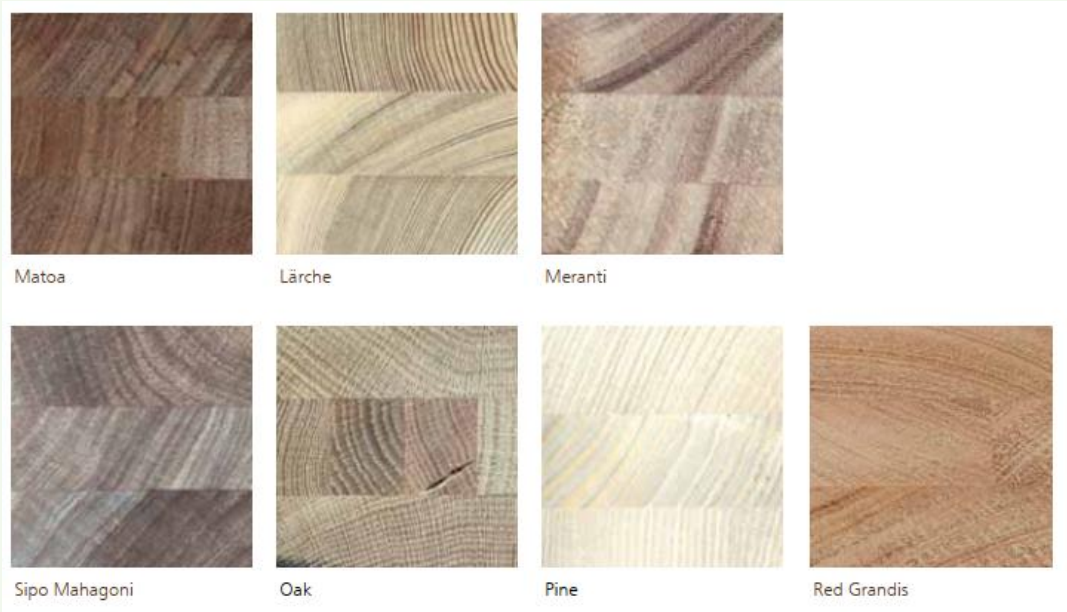


- Heritage and traditional style beading available on a project basis
- Colonial bars and glass dividers are available in a number of different styles



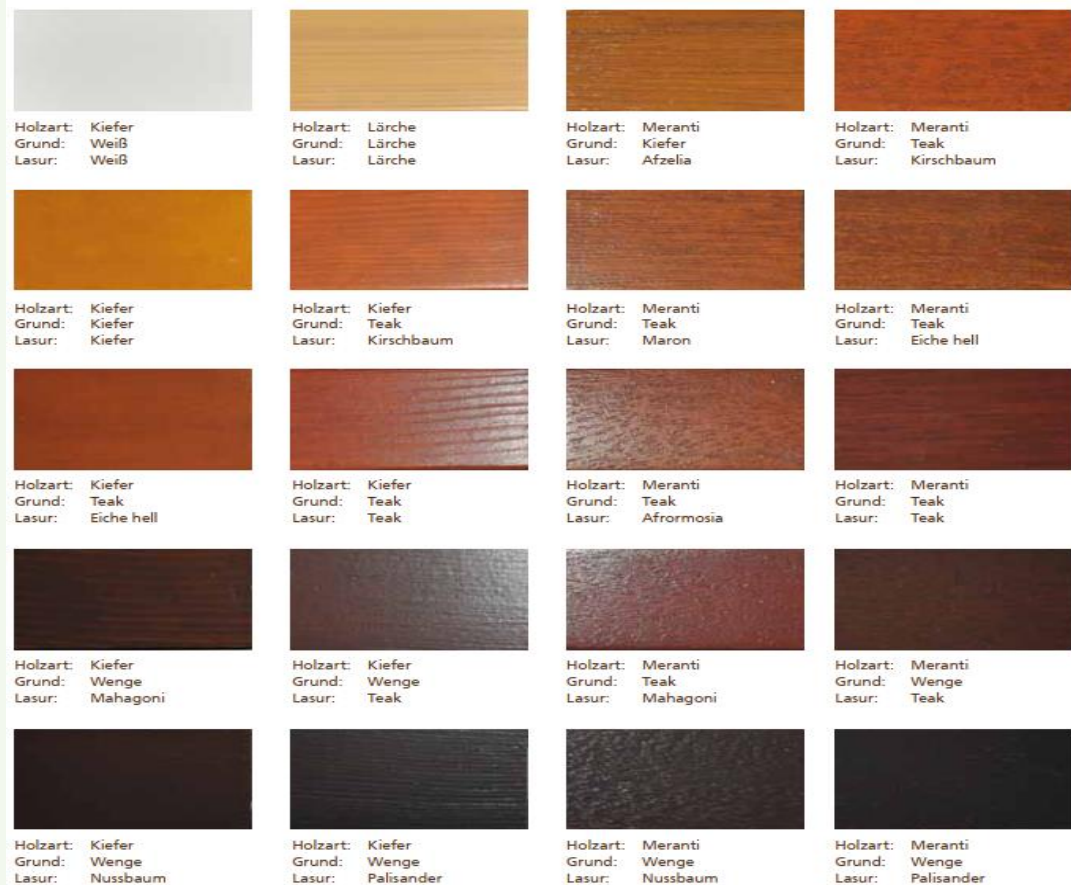
## Timber options:

- For the production of our doors and windows, only high-quality and sustainable timbers are used



## Finishes:

- All timber items are machine painted in factory with 2 under coats and 2 top coats
- RAL standard colours available for both timber and for aluminium components
- Timber can be finished in high-quality Remmers stains

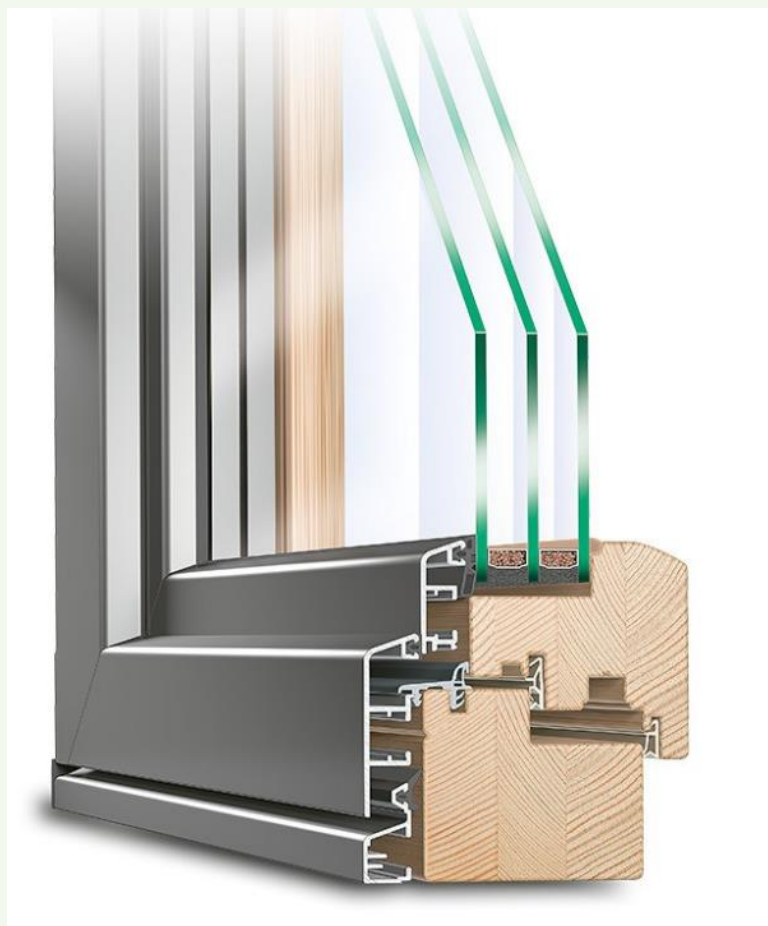


## Timber – Aluminium Composite Products

*A brand new and unique product combining the elegance of timber with the durability and weather-resistance of aluminium.*

*Timber-aluminium composite products are made with a solid timber frame with aluminium external cladding. The external cladding is mounted to the outside of the frame, which protects the timber surface from weather exposure, thus increasing the durability of the product and reducing the maintenance of the timber window (i.e. less need for external re-painting after years of weather exposure).*

*The internal timber frame can be stained in a natural finish or painted as required. The external aluminium is powder coated in the required RAL finish.*



# Standard Profiles

## 68 mm Timber Profile



Standard  $U_f$  1.3 W/m<sup>2</sup>K  
Improved  $U_f$  1.1 W/m<sup>2</sup>K  
Standard Double Glazing  $U_g$  1.1 W/m<sup>2</sup>K  
TGI Spacer  
Glass Thickness Up to 32 mm  
Double Seal System

## 80 mm Timber Profile



Standard  $U_f$  1.0 W/m<sup>2</sup>K  
Improved  $U_f$  0.9 W/m<sup>2</sup>K  
Standard Triple Glazing  $U_g$  0.7 W/m<sup>2</sup>K  
TGI Spacer  
Glass Thickness Up to 42 mm  
Double Seal System

## 90 mm Timber Profile



Standard  $U_f$  0.9 W/m<sup>2</sup>K  
Improved  $U_f$  0.8 W/m<sup>2</sup>K  
Standard Triple Glazing  $U_g$  0.5 W/m<sup>2</sup>K  
TGI Spacer  
Glass Thickness Up to 52 mm  
Double Seal System

## 80 mm Timber - Aluminium Profile



Standard  $U_f$  1.1 W/m<sup>2</sup>K  
Improved  $U_f$  0.8 W/m<sup>2</sup>K  
Standard Triple Glazing  $U_g$  0.7 W/m<sup>2</sup>K  
TGI Spacer  
Glass Thickness Up to 42 mm  
Double Seal System

## Door Systems

### Tilt & Slide Door System

Horizontal sliding system that allows your balcony or terrace area to be opened up completely. The sliding system is easy to open and enables the use of tilt ventilation without having to open the whole door. When closed, the system is fully sealed for increased security and the elimination of draughts and noise.



### Lift & Slide Door System

Horizontal sliding system that allows opening widths of up to 12 m. The specialised lifting system allows smooth and safe operation of even the heaviest of doors. When closed, the system is fully sealed for increased security and the elimination of draughts and noise. This system is perfect for opening up large living areas as they can be made up to very large widths, and the low threshold allows barrier-free living.



### **Folding Door System**

The folding door system allows you to completely open up an area, neatly folding the doors to the side so they take up minimal room. These doors can be made with up to 7-panels up to 900 mm wide each and a maximum weight of 80 kg.

