



# PLEATED BLINDS –

Atmosphere in your home



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*Small picture:* Different model types were combined here. Depending on the window shape, special models (VS 5 and VS 10 tensioned blinds for shaped windows) and a standard model (VS 2 – tensioned blind for rectangular windows) were installed.

**Fabric:** Somnio Perlmutter – Designs 763 and 769



**Especially in conservatories pleated blinds ensure a superior sun and glare protection and provide a private atmosphere.**

*Picture:* For the conservatory roof, the model type PLK 13 (crank operated roof blind) was installed; VS 2 blinds (tensioned blinds with two floating rails) decorate the vertical side windows.

**Fabric:** Liana – Design 594, Palado Perlmuff – Design 265



## For cosy moments in the loft ...

*Large picture above:* The model type DF Comfort 20 (tensioned blind with two floating rails and guide bars on each side) is especially designed for roof-lights.

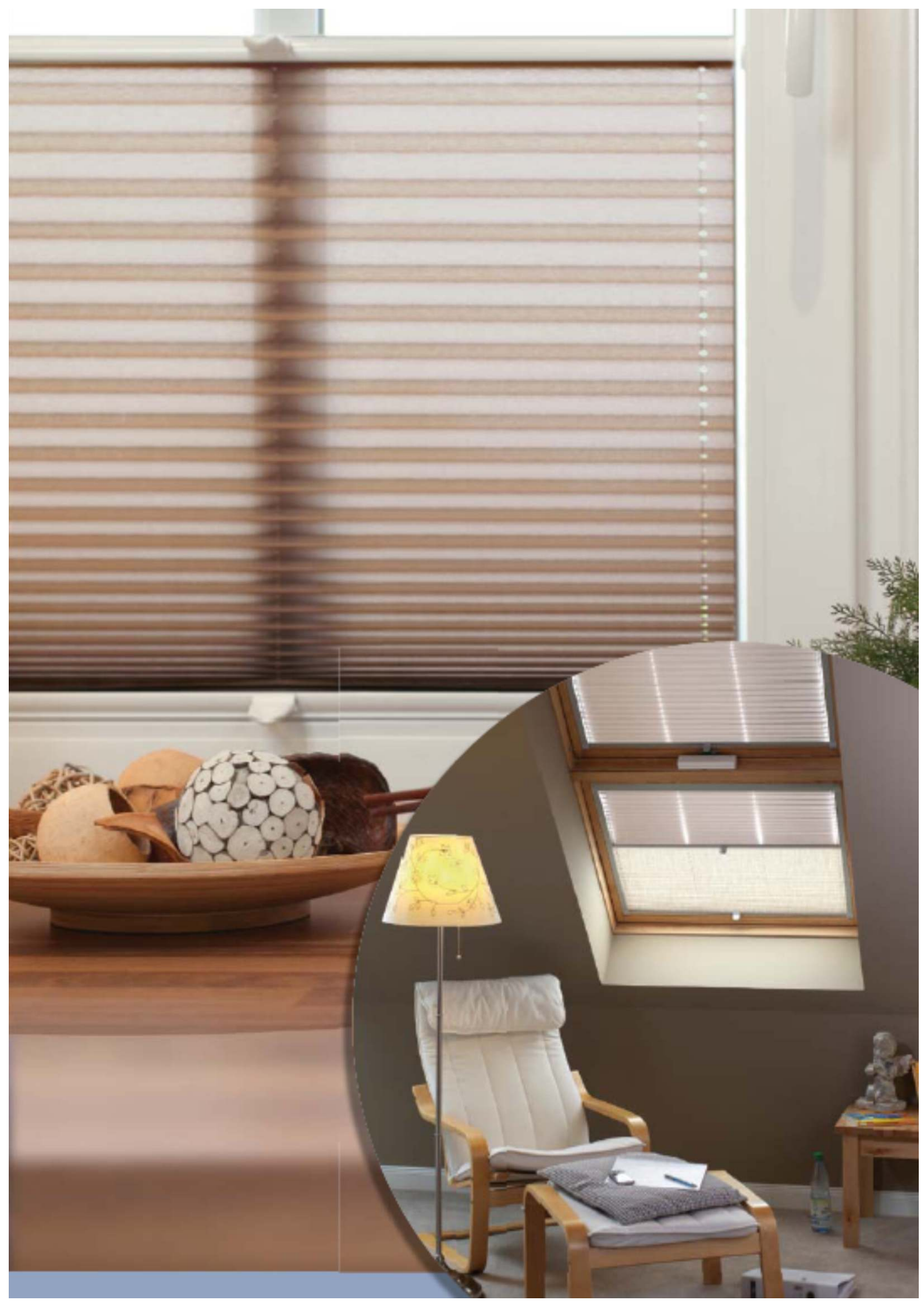
**Fabric: Dim Out Perlmutter B1 – Design 887**

*Small picture on next page:* Here the model type DF Comfort 30 (tensioned day and night blind with two hangings and side bars) was installed.

**Fabric: Somnio Perlmutter – Design 777 and Long Crush – Design 559**

*Large picture on next page:* Again, the model type VS 2 (tensioned blind for vertical rectangular windows) is displayed

**Fabric: Cara – Design 084**



## F-Blinds (not all model types displayed)

Freehanging for vertical tilt and turn windows / balcony doors



F 1



F 3



F 4



F E



F Slope 2

### Size Ranges

#### F1 / F4 / FE

max. width 230 cm / height 260 cm

#### F3

max. width 150 cm / height 260 cm

### Features

F 1 / F 3 with cord lock – fabric stack doesn't sag

F 4 with endless chain or cord – no gear overlapping on the sides

FE with motor – operable by switch, remote control or timer

F Slope 2 with cord lock – stack retracts fully to the angled rail

## PL-Blinds (not all model types displayed)

Rectangular and shaped roof-lights for conservatories



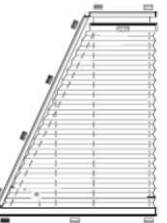
PL 11



PLK 13



PLE 12



PL 31



PLK 32

### Size Ranges

#### PL 11 / PLK 13 / PLE 12

max. width 150 cm / max. height 400 cm

#### PL 31 / PLK 32

max. width 150 cm / max. height 200 cm

### Features

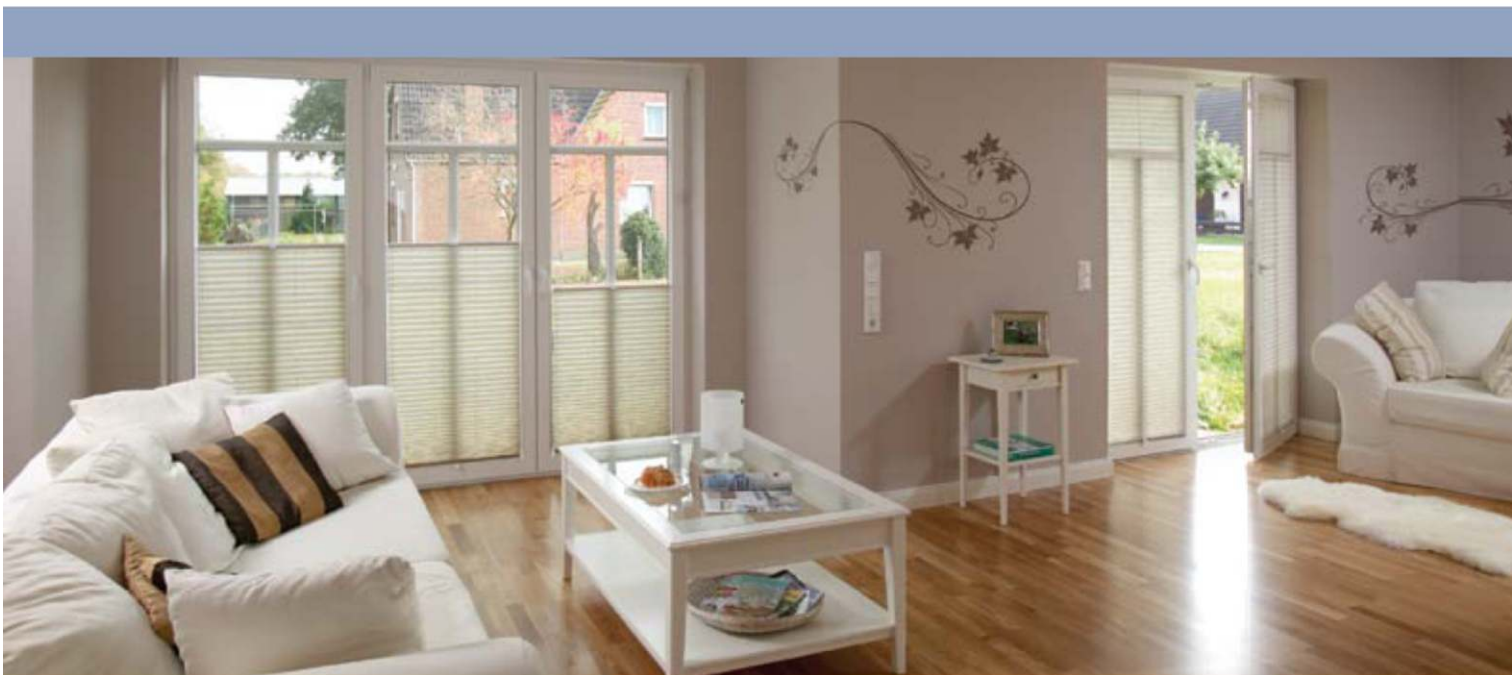
PL 11 with operating rod

PLK 13 with operating crank

PLE 12 with motor

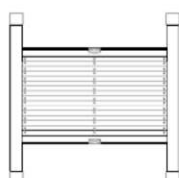
PL 31 trapezium with one slope, angle range 15° - 80°

PLK 32 trapezium with two slopes and crank operation, angle range 15° - 70°





DF Comfort 10



DF Comfort 20



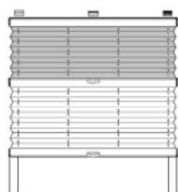
DF Comfort 30



DF 10



DF 20



DF 30

**Size Ranges**

**DFC 10 / DFC 20 / DFC 30 / DF 10 / DF 20 / DF 30**  
 max. height 150 cm / max. width 150 cm

**Features**

- DF Comfort 10 / 30** with guide bars, cover and one operating rail
- DF Comfort 20** with guide bars and two operating rails
- DF 10 / 30** with one operating rail
- DF 20** with two operating rails

**VS-Blinds** (not all model types displayed)

Pre-tensioned for vertical tilt and turn windows / balcony doors



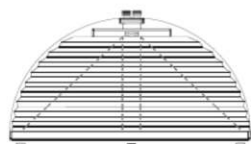
VS 2



VS 3



VS 5



SR 1S

**Size Ranges**

**VS 2 / VS 3**  
 max. width 150 cm / max. height 150 cm or  
 max. width 120 cm / max. height 220 cm

**VS 5**

max. width 150 cm / max. height 150 cm or  
 max. width 120 cm / max. height 200 cm

**SR 1S**

max. width 150 cm / max. height 150 cm

**Features**

- VS 2** pre-tensioned with two operating rails
- VS 3** pre-tensioned with two fabrics and two operating rails
- VS 5** pre-tensioned, pentagon with two operating rails
- SR 1S** movable half circular with one operating rail





**For further advice and assistance:**





## Duette® -

Pleated honeycomb blinds for  
an optimum living environment



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## Duette® - The high quality sunscreen system



Cutting energy costs is becoming ever more important. Intelligent deployment of interior solar protection can help to achieve this.

Duette® fulfils an insulating function at the window, lending a pleasant living climate to the room, regardless of the time of year or the temperature outdoors. This effect is due to the honeycomb structure which contains a cushion of air and thus acts as an excellent buffer against cold and heat.

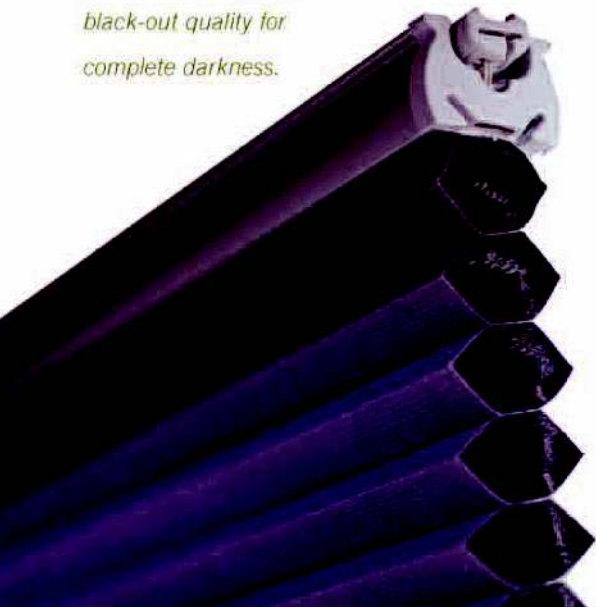
The high quality Duette® pleated honeycomb blind is characterised by hidden punch holes through which the cords run. This minimises the penetration of light. Black-out materials in particular profit as a result.

A further benefit of Duette® Fixé: The asymmetric honeycomb form of this model not only prevents folds hanging down at the front of the blind, but also provides optical perfection.



*The modern design of the Duette® pleated honeycomb blind is a delight. Duette® fabrics with light-permeable qualities bathe the room in a pleasant, diffused light.*

*Duette® is also available in black-out quality for complete darkness.*

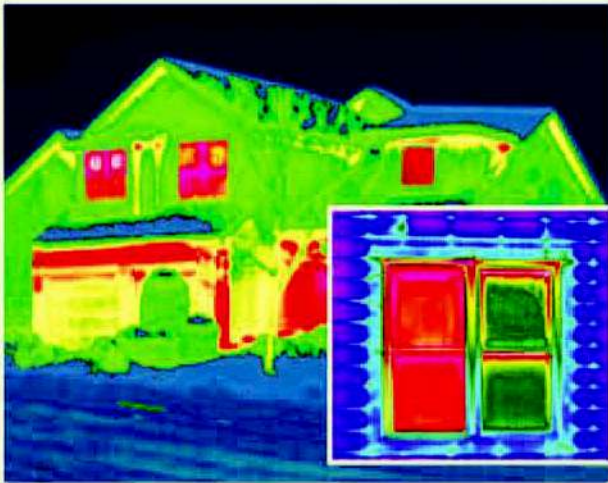


# Duette® -

The intelligent energy saver

In Summer, the closed pleated honeycomb blind is particularly good at keeping the heat of the Sun's rays out of your rooms, whereby the system functions as a kind of insulating layer. The air in the honeycomb structure absorbs the warm rays of the Sun, thus keeping your living room pleasantly cool at all times.

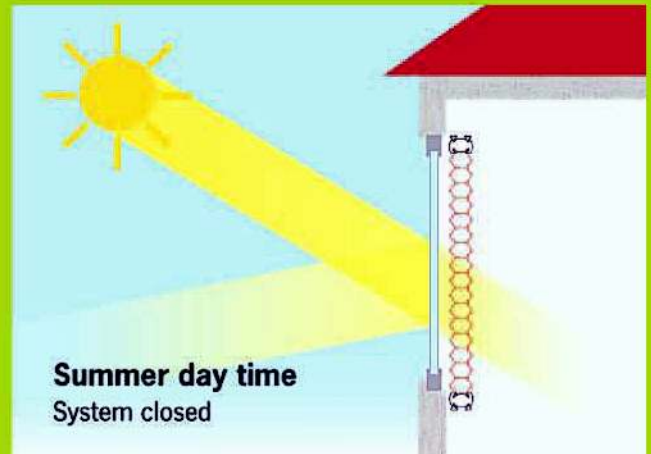
In Winter, the living room is warmed during the daytime by radiated sunlight. As the evening approaches, the Duette® system covers the window and prevents the room cooling down too quickly. The warm air is retained longer in your living room, thus reducing heating costs.



Most of the heat lost by a house escapes through the windows (red area). The left-hand window with no solar protection; the right-hand window with Duette® blind.

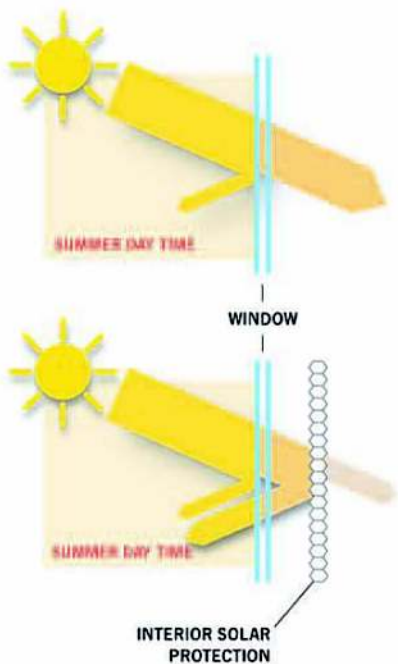


## The ideal use





*Benefit from the combination of design and economy, also ideal for modern office solutions.*



## Duette® - Low Fc value - high savings

A window with normal glazing (double glazing as per DIN 4108 / EN 13363-1,  $U = 1.6$ ) and without sun shades lets some 72 % of solar heat into the room.

The Duette® pleated honeycomb blind reduces heat penetration considerably. This can be reduced by up to 22 % as less solar radiation enters the room.

The Fc value describes the shading factor provided by a sun shade system. This number will give you the best energy savings by reading off this value.

**The following applies in Summer:**

**The lower the Fc value, the greater the shading provided from solar radiation by Duette.**

**The following applies in Winter:**

**The lower the Fc value, the less the thermal loss through the window when Duette® is installed.**

**We are always happy to advise you:**