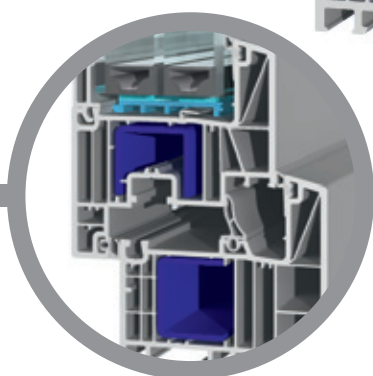
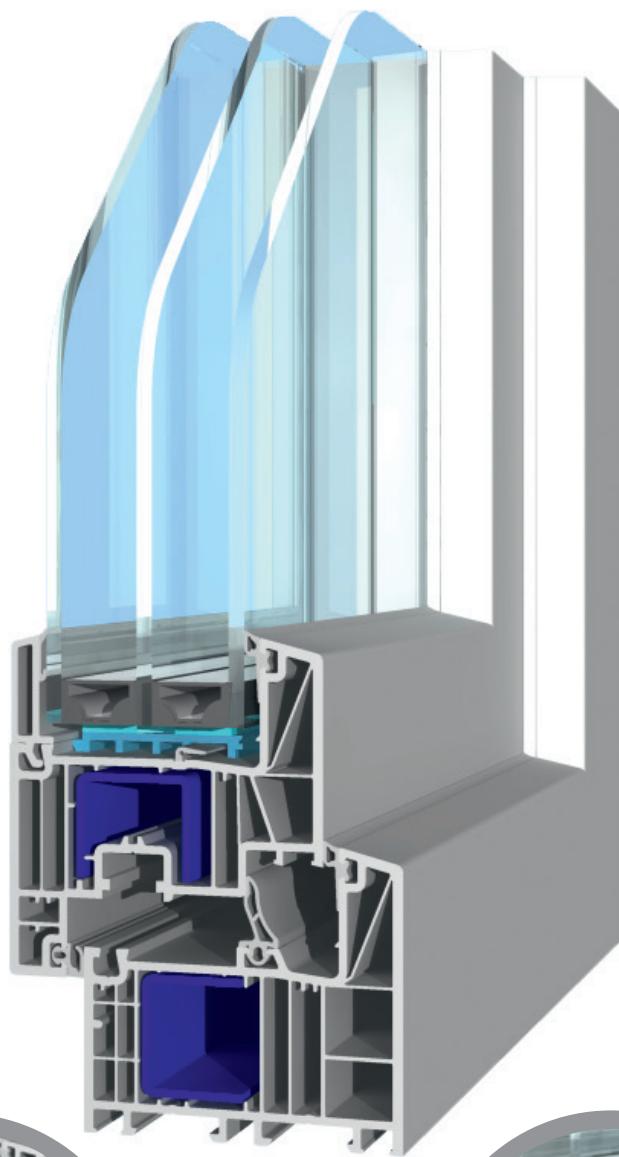
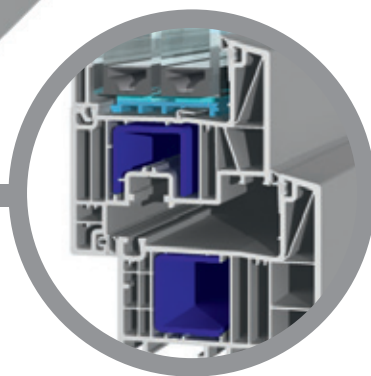


# The innovative profile for the windows of tomorrow



bluEvolution: 82  
MD



bluEvolution: 82  
AD

bluEvolution: 82

# System bluEvolution: 82

## The innovative profile for the windows of tomorrow

### Two sealing varieties for various possibilities

**bluEvolution 82** is the clever combination of two sealing varieties combined in one profile system.

The innovative system is made up of both **the outside rebate gasket (AD)** together with an additional **central rebate gasket (MD)** for even better insulation features.

/// Installation depth of **82 mm** for use in new builds and renovation

/// **Elegant and classic** profile design, constructed in Germany

/// **Glazing possibilities of up to 52 mm.** The use of all customary insulating glass panes for heat and noise insulation as well as burglar resistance. By applying adhesive tape glazing strengths of up to 54 mm are possible

/// **100% recyclable**

/// **Deeper mounting of pane** for optimized heat insulation

/// **Additional internal sections** in the external overlap counteract the thermal load in the frame and sash

/// **Safe load bearing** even with heavy glass through large steel reinforcements

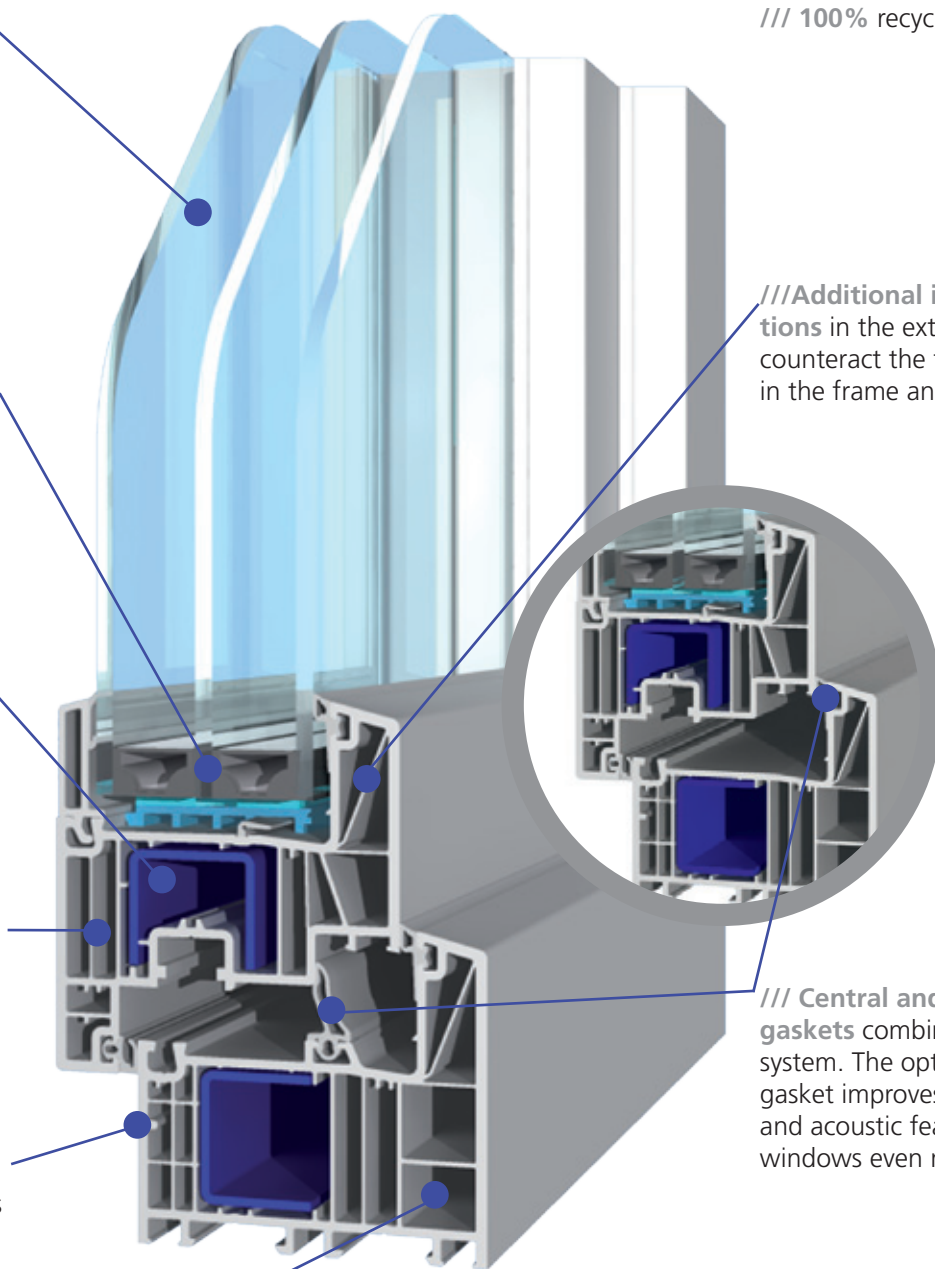
/// **6 profile chambers** in frame and sash ensure outstanding heat and noise insulation:  $U_f$ -value of  $1.0 \text{ W}/(\text{m}^2\text{K})$  in the central gasket variety (MD) and  $1.1 \text{ W}/(\text{m}^2\text{K})$  in the outside gasket (AD) implementation

/// **Safe fitting attachment** through additional screw pins

/// **Central and outside gaskets** combinable in one system. The optional central gasket improves the thermal and acoustic features of the windows even more

/// **Large dimensioned prechamber areas** for high thermal stability and optimal drainage

/// **Resource-efficient** through only using PVC when required















# System bluEvolution: 82











## Variety of construction types










### Creativity to the highest degree

The way the window opens plays an important role in the architectural design of a house. **bluEvolution 82** allows a variety of window geometries for the demands of modern window design but also allows the problem free implementation of the particular requirements for renovation. Whether it is a side-hung sash, semi-circular arch window or folding window, every type of window has specific features with regard to the opening.

Types of opening feasible with **bluEvolution 82**:

Nr.	Types:	bE 82
01	 Fixed glazing	✓
02	 Side-hung window	✓
03	 Tilt-and-turn window	✓
04	 Bottom-hung window	✓
05	 Top-hung window	✓
06	 Tilt-and-turn window with casement bar	✓
07	 Tilt-and-turn window with casement cross bar	✓
08	 Centre-hung window	—
09	 Tilt-and-turn window with skylight	✓
10	 Tilt-and-turn window with parapet	✓
11	 Tilt-and-turn door	✓
12	 Tilt-and-turn window with fixed glazed skylight	✓

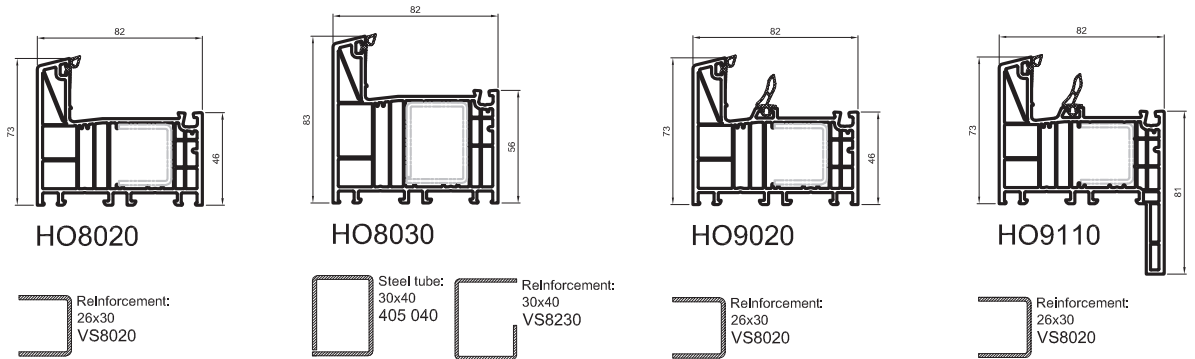
Nr.	Types:	bE 82
13	 Tilt-and-turn door with cross mullion in casement	✓
14	 Overlap window side-hung - tilt-and-turn	✓
15	 Double-casement window tilt-and-turn - tilt-and-turn	✓
16	 Window element tilt-and-turn - fixed glazing	✓
17	 Triple-casement window tilt-and-turn - side-hung - tilt-and-turn	✓
18	 Tilt-and-slide window or door	✓
19	 Double-casement window with bottom-hung skylight	✓
20	 Overlapping door	✓
21	 Door element tilt-and-turn - fixed	✓
22	 Entrance door	—

Nr.	Types:	bE 82
23	 Entrance door with letter drop in cross muntin	—
24	 Entrance door with muntins	—
25	 Entrance door combined with fixed glazing	—
26	 Folding and sliding door	✓
27	 Tilt-and-turn window with incline	✓
28	 Double-casement tilt-and-turn window with inclines	✓
29	 Tilt-and-turn pointed-arch window	✓
30	 Pointed-arch window with muntin	✓
31	 Basket arched window	✓

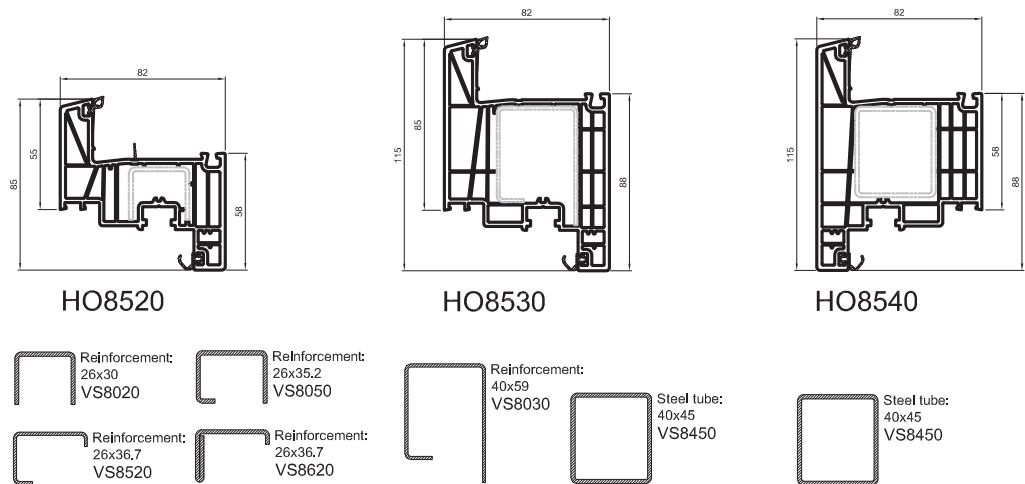
# System bluEvolution: 82

## System overview

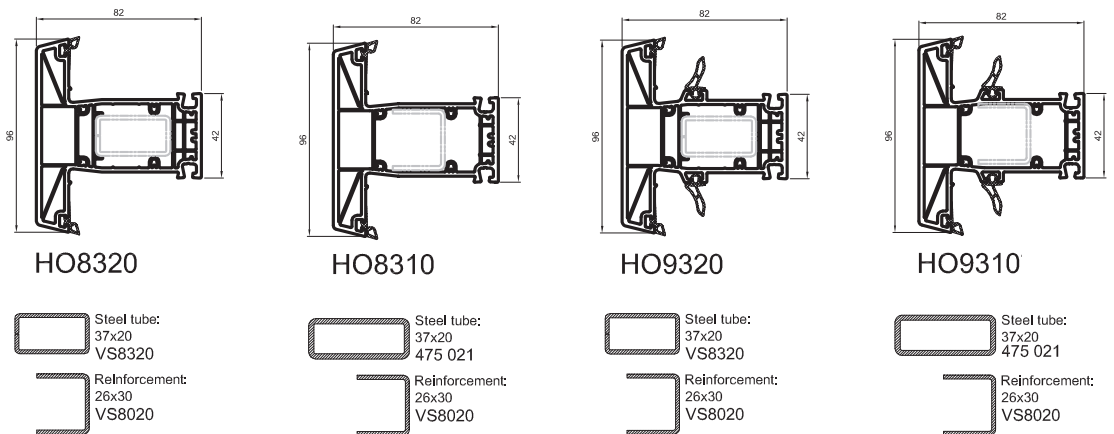
### Frames



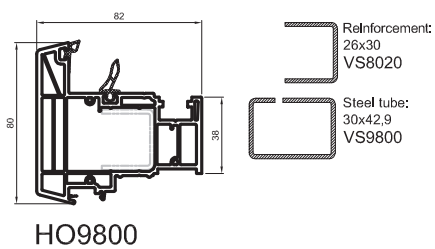
### Casements



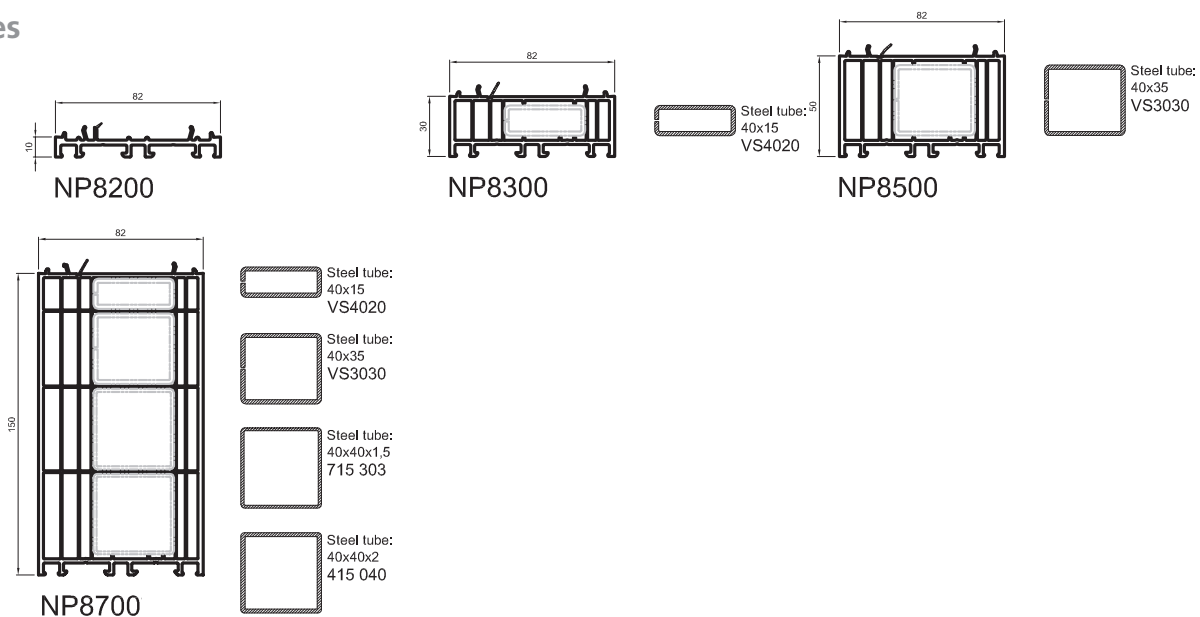
### Posts / Mullions



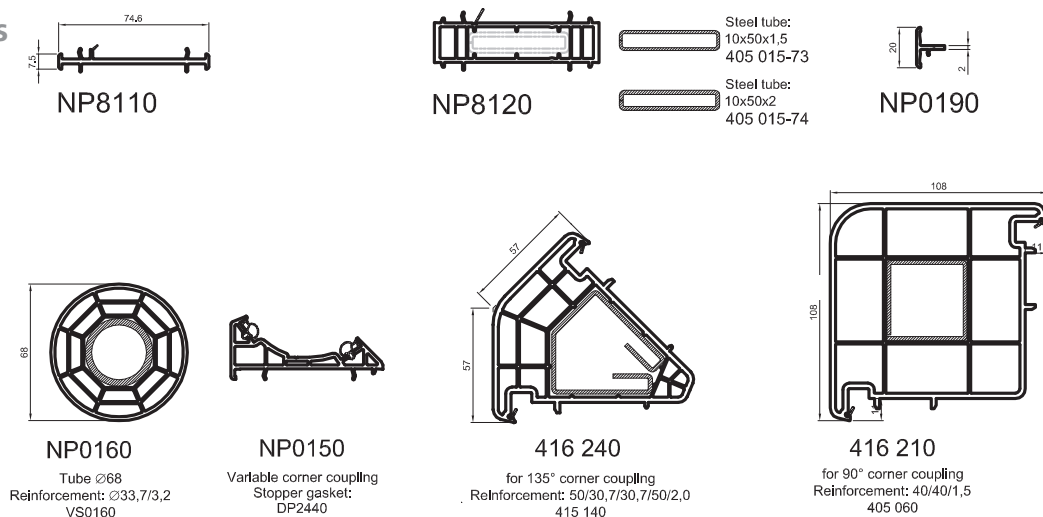
### Overlap profiles



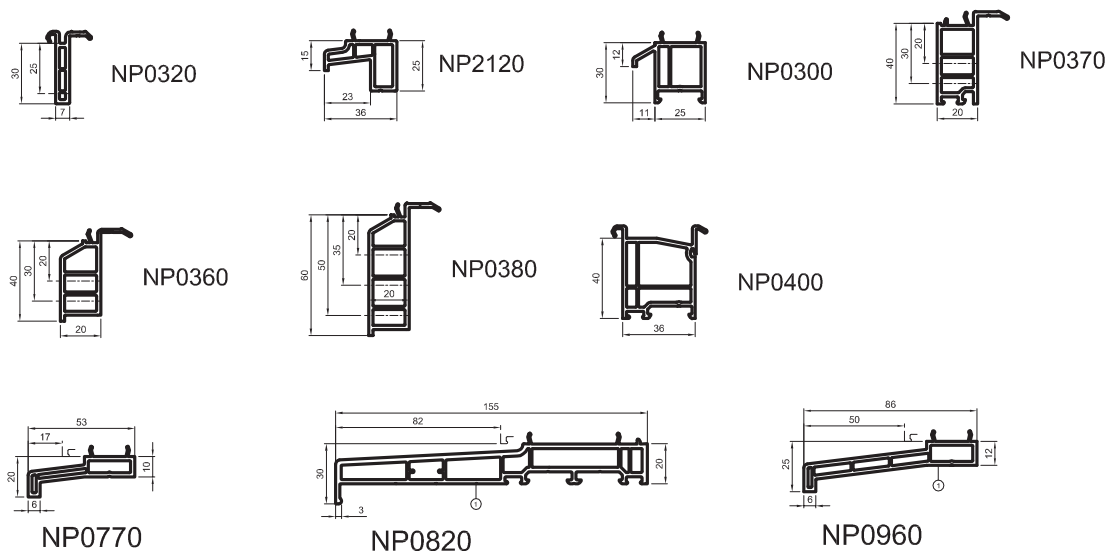
## Extension profiles



## Coupling profiles



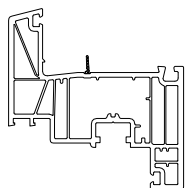
## Sill profiles



# System bluEvolution: 82

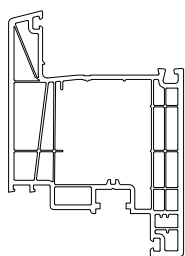
## Maximum building sizes

### Product line side-hung, tilt-and-turn & overlap window

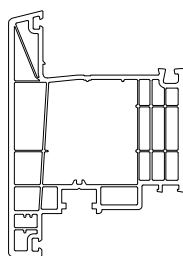


HO8520

Tilt-and-turn window		Tilt-and-turn door		max. 2,2 m <sup>2</sup> max. 100 kg depending on the reinforcement
white	decor	white	decor	
1,50 m x 1,60 m		1,00 m x 2,40 m	1,00 m x 2,30 m	



HO8530



HO8540

Tilt-and-turn window		Tilt-and-turn door		max. 2,9 m <sup>2</sup> max. 100 kg depending on the reinforcement
white	decor	white	decor	
1,60 m x 1,80 m		1,20 m x 2,50 m	1,20 m x 2,40 m	

max. casement weight: The max. casement weight is the outcome of using an area-related filling weight of 40 kg/m<sup>2</sup>. Deviating requirements from the application diagrams provided by fittings manufacturers must be taken into account and applied.

Centre locking devices: From approx. 700 mm casement width and casement height.

Load class according to valid test report or according to manufacturer's CE marking.

*Some profiles are still in preparation*

# Colour fascination Now it is colourful!

## Bold colours characterize the style of modern architecture

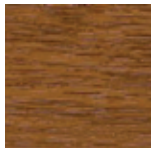
The aesthetic use of colours is becoming more and more important especially with façade designs, this is because above all the choice and design of the windows significantly influences the look of the façades. The PVC windows made of SIP profiles give architectures and builders the choice. Regardless of whether it is a new build or a renovation - there is a wide spectrum of colours and decors for an extraordinary variety of design variations. Even the sash and frame can be a different colour from one another.

The good thing: In all aesthetics the window function will be in no way neglected.

To the contrary: The extremely high resistance of PVC profiles in individual RAL colours was confirmed in numerous tests.

Above all it is certain: With PVC profiles of the company Salamander colour comes into the windows and imagination to the façades.

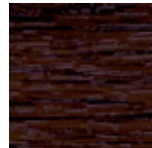
### /// Standard selection



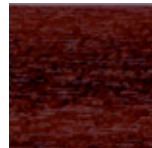
Golden-Oak 51



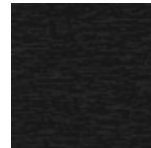
Nußbaum 21



Mooreiche 25



Mahagoni 26



Anthrazitgrau 70

### /// Make to order



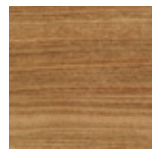
Birke rosé 44  
Premium



Polareiche 43  
Premium



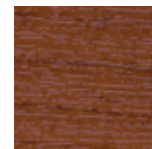
Montana 63  
Premium



Teak arte 65  
Premium



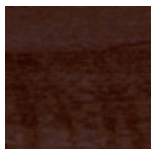
Vermont 60  
Premium



Cheyenne 64  
Premium



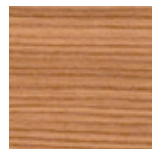
Meranti 61  
Premium



Tiama 62  
Premium



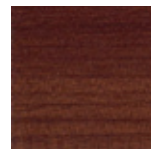
Oregon 4 - 52



Bergkiefer 50



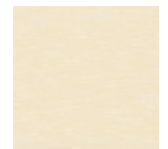
Streifen-Douglasie  
27



Macoré 40



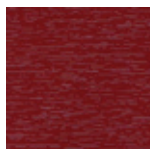
Weiß Antik 39



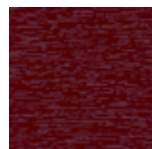
Creme 59



Signalrot 89  
Satin



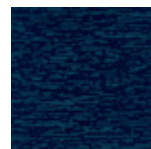
Dunkelrot 06



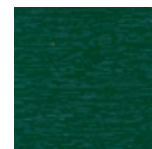
Weinrot 19



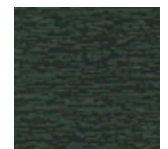
Brilliantblau 14



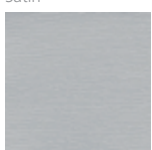
Stahlblau 11



Moosgrün 10



Dunkelgrün 03



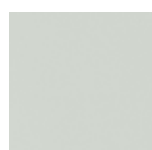
Metbrush Alu 69  
Premium



Lichtgrau 73



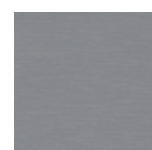
Achatgrau 72



Achatgrau 81  
Satin



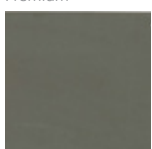
Signalgrau 87  
Satin



Grau 02



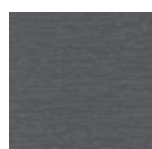
Graubeige 09



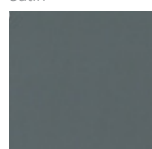
Quarzgrau 78



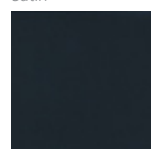
Quarzgrau 90  
Satin



Basaltgrau 74



Basaltgrau 84  
Satin



Anthrazitgrau 88  
Satin



Schwarzbraun 71

\* Changes and updates reserved

Your direct line to us:

Contact partner:

For further information visit [www.sip-windows.com](http://www.sip-windows.com)

 [www.sip-windows.com/facebook](http://www.sip-windows.com/facebook)

 [www.sip-windows.com/twitter](http://www.sip-windows.com/twitter)

 System bluEvolution: 82

**SALAMANDER**<sup>®</sup>  
INDUSTRIE//PRODUKTE

Salamander Industrie-Produkte GmbH

Jakob-Sigle-Straße 58  
D-86842 Türkheim/Unterallgäu  
Tel: +49 8245 - 52-0  
Fax: +49 8245 - 52-359  
E-Mail: [info@sip.de](mailto:info@sip.de)

Am Deverhafen 4  
D-26871 Papenburg  
Tel: +49 4961 - 914-550  
Fax: +49 4961 - 1011  
E-Mail: [info@sip.de](mailto:info@sip.de)



[www.sip-windows.com](http://www.sip-windows.com)

M63GB012/10.12/GBMMC