

# bluEvolution: 92



*Perfection -  
made in Germany*

 bluEvolution: 92

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# bluEvolution: 92

The bluEvolution 92 profile system unites future-oriented, cutting-edge technology with modern, pragmatic design for the new generation of world-class windows. The optimised 6-chamber profile with a construction depth of 92 mm provides superior thermal insulation and excellent energy efficiency. Combined with a filigree visible width of only 118 mm, solar gains thanks to high light incidence and the environmental sustainability of 100% recyclable PVC, this is one of Salamander's systems of the future.

## Profile system

| Technical data                                                                      |                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction depth                                                                  | 92 mm                                                                                                                                                                                                                                                                |
| Visual width                                                                        | from 118 up to 184 mm for combination of frame and sash                                                                                                                                                                                                              |
| Sealing concept                                                                     | three continuous all-round gasket levels<br>gaskets fitted in the factory                                                                                                                                                                                            |
| Chamber design                                                                      | 6 chambers in frame and sash, or according to static requirements                                                                                                                                                                                                    |
| Application areas                                                                   | Side and bottom hung windows, tilt- and turn windows, secondary entrance doors, folding or tilt- and slide doors, entrance doors                                                                                                                                     |
| Heat transition coefficient                                                         | up to $U_f = 0,94 \text{ W/(m}^2\text{K)}$ ; $U_w = 0,71 \text{ W/(m}^2\text{K)}$ *<br>*reference size according to DIN EN 14351-1: 1,23 m x 1,48 m                                                                                                                  |
| Glazing                                                                             | All standard insulating glass panes for thermal and sound insulation and burglary resistance                                                                                                                                                                         |
| Filling thickness                                                                   | up to 60 mm                                                                                                                                                                                                                                                          |
| Material                                                                            | Pure quality PVC                                                                                                                                                                                                                                                     |
|  | Advantage of PVC:<br>For the sake of the environment recycled PVC can be introduced into the profiles as secondary raw material, which guarantees a closed recycling circle while maintaining the same high quality                                                  |
| Colour                                                                              | White solid-coloured, homogeneous in mass with long-life surface protection<br>Basic body colour alternative in off-white brown, caramel<br>Over 40 standard decors<br>Special decor films on request<br>Aluminium cover profiles in more than 500 colours available |

| Maximum element sizes   | in white                                  | in decor                                  |
|-------------------------|-------------------------------------------|-------------------------------------------|
| with standard sash      | max. width 1400 mm<br>max. height 2300 mm | max. width 1400 mm<br>max. height 2200 mm |
| with french window sash | max. width 1500 mm<br>max. height 2400 mm | max. width 1500 mm<br>max. height 2300 mm |
| as entrance door        | max. width 1200 mm<br>max. height 2300 mm | max. width 1200 mm<br>max. height 2200 mm |

## Properties



Heat transition coefficient  
DIN EN 12412-2 / 10077-2  
up to  $U_f = 0,94 \text{ W/(m}^2\text{K)}$



Air permeability  
DIN EN 12207  
up to class: 4



Resistance to pelting rain  
DIN EN 12208  
up to class: 9A



Wind resistance under wind load  
DIN EN 12210  
class: C4/B4



Operating forces  
DIN EN 13115 / 12247  
class: 1



Mechanical load  
DIN EN 13115  
class: 4

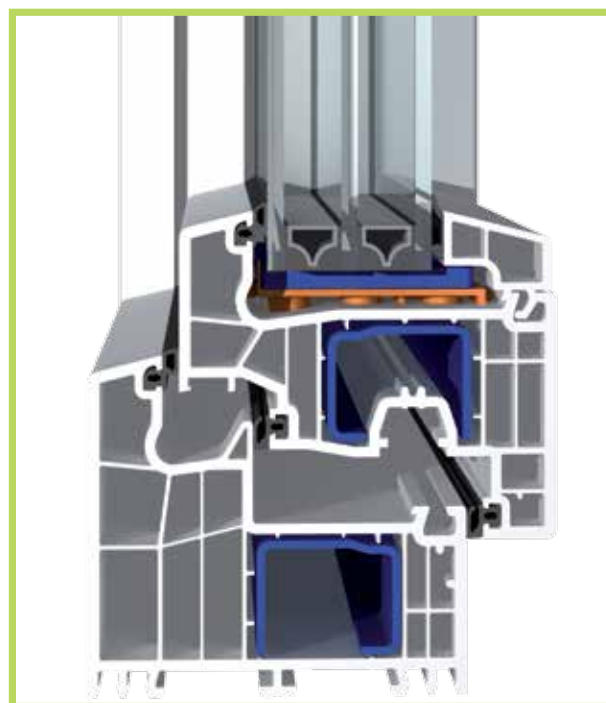
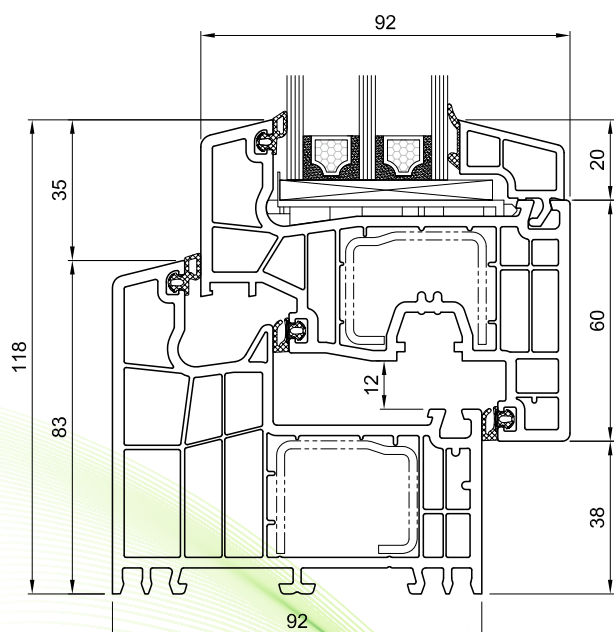


Burglary protection  
DIN EN 1627 - 1630  
RC 2



Sound insulation  
DIN EN 4109  
up to class: 5

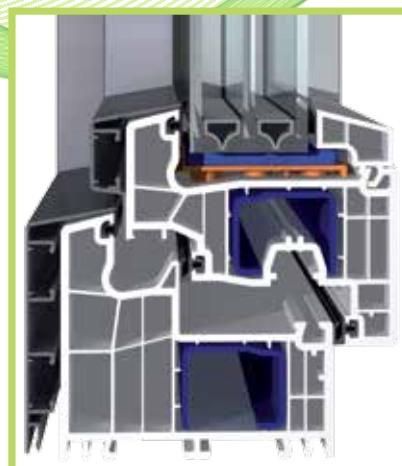
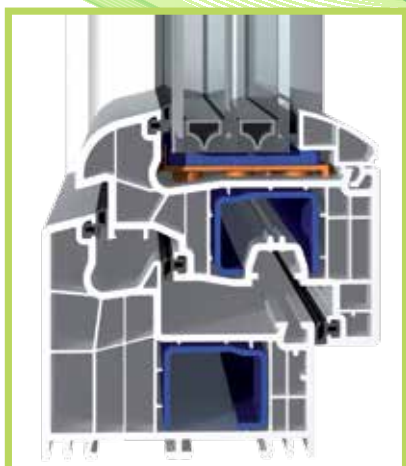
## System construction



recessed

round

with aluminium cover profile



Golden-Oak 51  
Walnut 21

Moor Oak 25  
Mahogany 26

Anthracite grey 70

Birch rosé 44 Premium  
Polar Oak 43 Premium

Vintage Oak 41 Premium  
Nebraska 33 Premium

Teak arte 65 Premium  
Vermont 60 Premium

Cheyenne 64 Premium  
Meranti 61 Premium

Tiama 62 Premium  
Oregon 4 - 52

Mountain pine 50  
Douglas fir 27

White antique 39  
Off-white 59

Dark red 06  
Wine red 19

Brilliant blue 14  
Steel blue 11

Moss green 10  
Dark green 03

Metbrush Alu 69 Premium  
Metbrush Anthracite 67

Light grey 73  
Agate grey 72

Signal grey 87 Satin  
Grey 02

Grey beige 09  
Quartz grey 78

Quartz grey 90 Satin  
Alux DB703 - 37

Basalt grey 74  
Basalt grey 84 Satin

Anthracite grey 88 Satin  
Black-Brown 71

\* Subject to alterations

**SALAMANDER**<sup>®</sup>  
WINDOW & DOOR SYSTEMS

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



www.sip-windows.com