

bluEvolution: 92



*Perfection -
made in Germany*


 bluEvolution: 92

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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 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 $U_f = 0,94 \text{ W}/(\text{m}^2\text{K})$; $U_w = 0,71 \text{ W}/(\text{m}^2\text{K})^*$ *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	
	<p>Advantage of PVC:</p> <p>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</p>	
Colour	<p>White solid-coloured, homogeneous in mass with long-life surface protection</p> <p>Basic body colour alternative in off-white brown, caramel</p> <p>Over 40 standard decors</p> <p>Special decor films on request</p> <p>Aluminium cover profiles in more than 500 colours available</p>	
Maximum element sizes	in white	in decor
with standard sash	max. width 1400 mm max. height 2300 mm	max. width 1400 mm max. height 2200 mm
with french window sash	max. width 1500 mm max. height 2400 mm	max. width 1500 mm max. height 2300 mm
as entrance door	max. width 1200 mm max. height 2300 mm	max. width 1200 mm 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

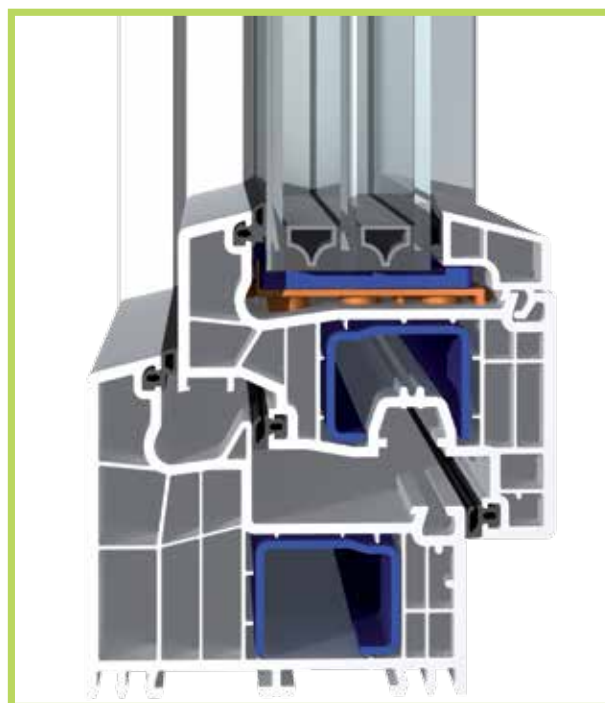
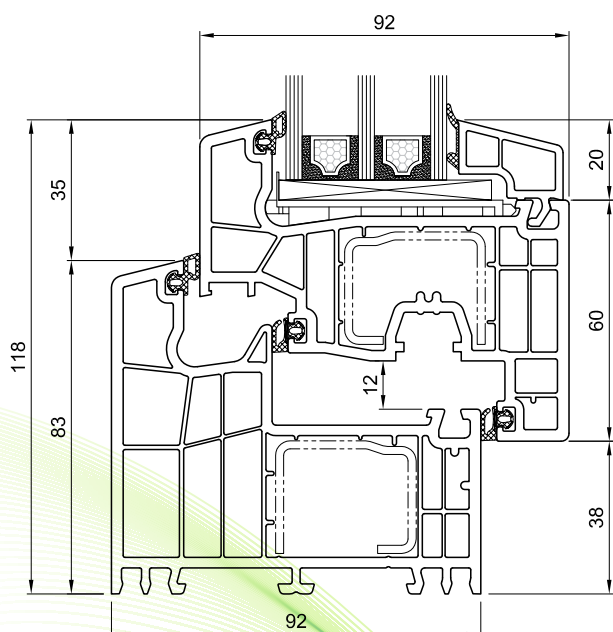


Burglary protection
DIN EN 1627 - 1630
RC 2



Sound insulation
DIN EN 4109
up to class: 5

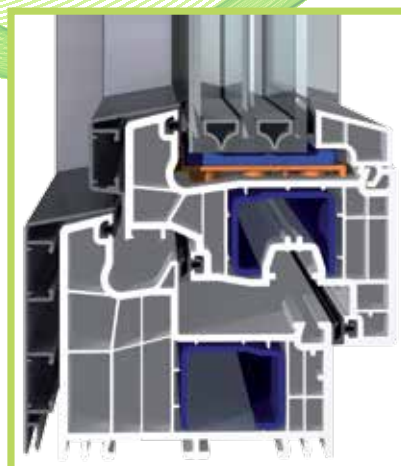
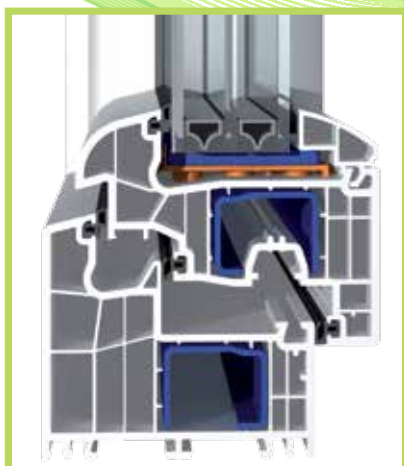
System construction



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

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