

Entrance door



*Safety all-round –
optimally protected*

 bluEvolution: 92


© A SYSTEM OF SALAMANDER INDUSTRIE /// PRODUKTE - For further information visit www.sip-windows.com

bluEvolution: 92 Entrance door

With a construction depth of 92 mm, six profile chambers and three sealing levels, the bluEvolution 92 entrance door is the perfect combination of security and energy efficiency. The entrance door leaf opens either inwards or outwards and is suitable for filling thicknesses of up to 60 mm – ideal for heat-insulating triple glazing and functional glazing and without any restrictions with coloured doors – all with a filigree visible width of only 164 mm.

Due to its well-conceived design, the barrier-free door threshold is suitable not only for entrance doors but is ideal for balcony and side entrance doors as well. The PVC threshold with aluminium step protection is designed for single or double sash doors and offers special adapter profiles for barrier-free threshold passage. A long service life is ensured by the use of high-quality materials and sophisticated processing. Thanks to a broad palette of colours and decors, even unusual design wishes can be realized.

Profile system

Technical data		
Construction depth	92 mm	
Visual width	from 164 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	entrance door	
Heat transition coefficient	up to $U_d = 0,75 \text{ W/(m}^2\text{K)}^*$ *reference size according to DIN EN 14531-1: 1,23 m x 2,18 m	
Glazing	All standard insulating glass panes for thermal and sound insulation and burglary resistance as well as entrance door panels	
Filling thickness	up to 60 mm leaf concealing outside up to 81 mm	
Material	Pure quality PVC	
	Advantage of PVC: 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 Salamander white solid-coloured, homogeneous in mass with long-life surface protection Basic body colour alternative in off-white, brown, caramel Over 40 standard decors Special decor films on request Aluminium cover profiles in more than 500 colours available	
Maximum element sizes	in white	in decor
as entrance door	max. width 1200 mm max. height 2400 mm	max. width 1200 mm max. height 2400 mm

Properties



Heat transition coefficient
DIN EN 12412-2 / 10077-2
up to $U_d = 0,75 \text{ W/(m}^2\text{K)}$



Air permeability
DIN EN 12207
up to class: 2



Resistance to pelting rain
DIN EN 12208
up to class: 4A



Wind resistance under wind load
DIN EN 12210
class: C2/B2



Operating forces
DIN EN 13115 / 12247
class: 2

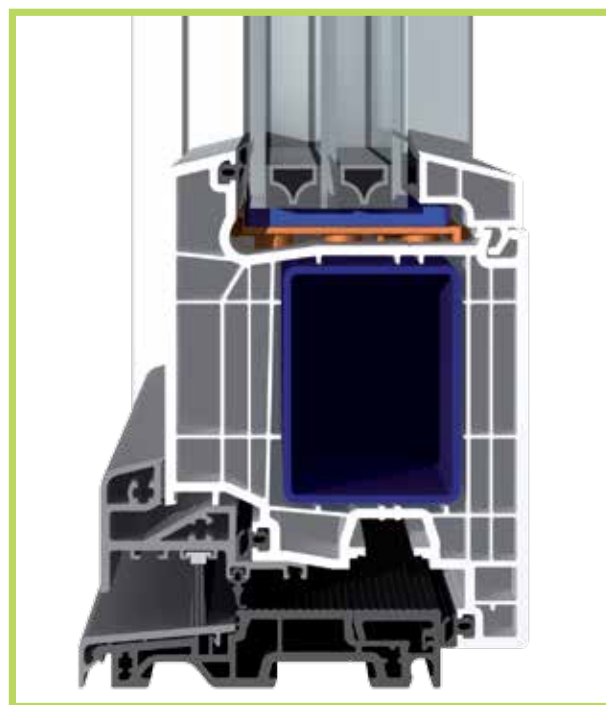
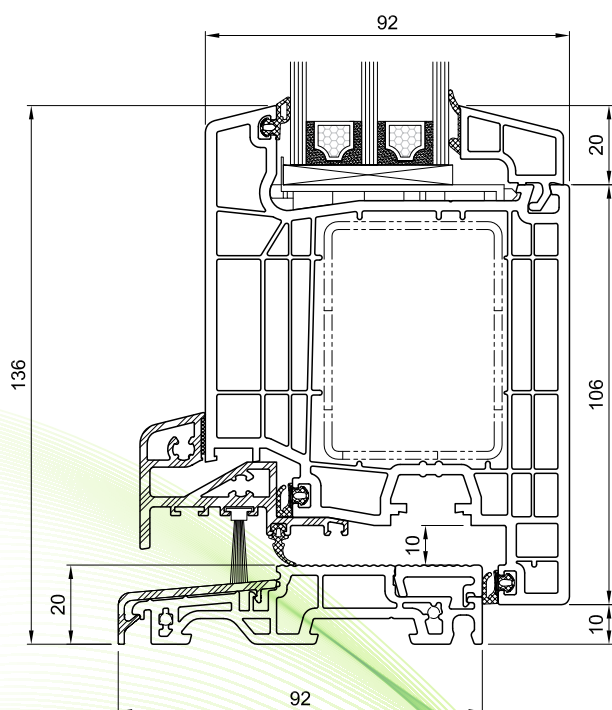


Mechanical load
DIN EN 13115
class: 3



Burglary protection
DIN EN 1627 - 1630
RC 2

System construction



barrier-free threshold

with aluminium cover profile

leaf concealing
filling



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®

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