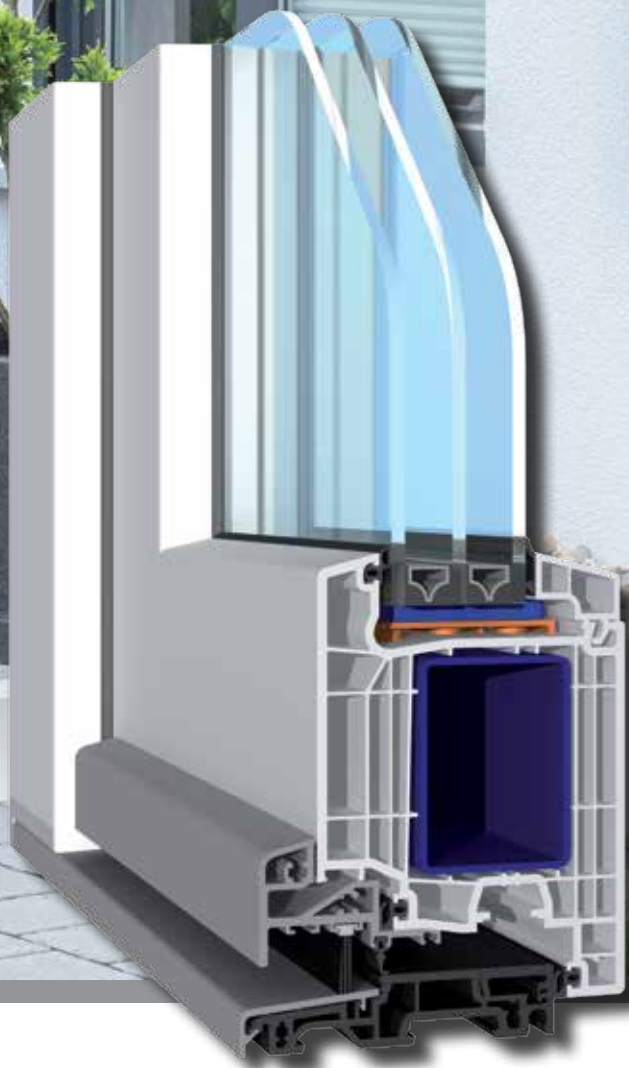


Entrance door



*Safety all-round -
optimally protected*

 bluEvolution: 92


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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 14351-1: 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	
	<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>Salamander 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
as entrance door	<p>max. width 1200 mm</p> <p>max. height 2400 mm</p>	<p>max. width 1200 mm</p> <p>max. height 2400 mm</p>

Properties



Heat transition coefficient
DIN EN 12412-2 / 10077-2
up to $U_T = 1.0 \text{ W/(m}^2\text{K)}$



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

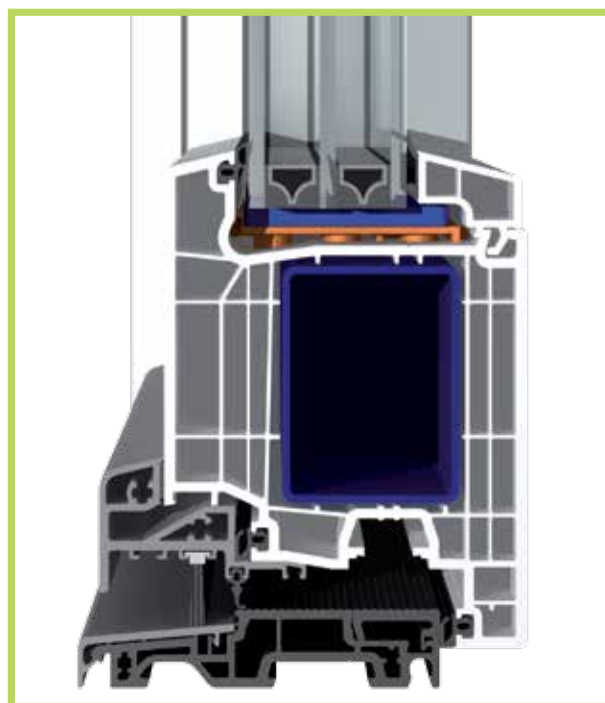
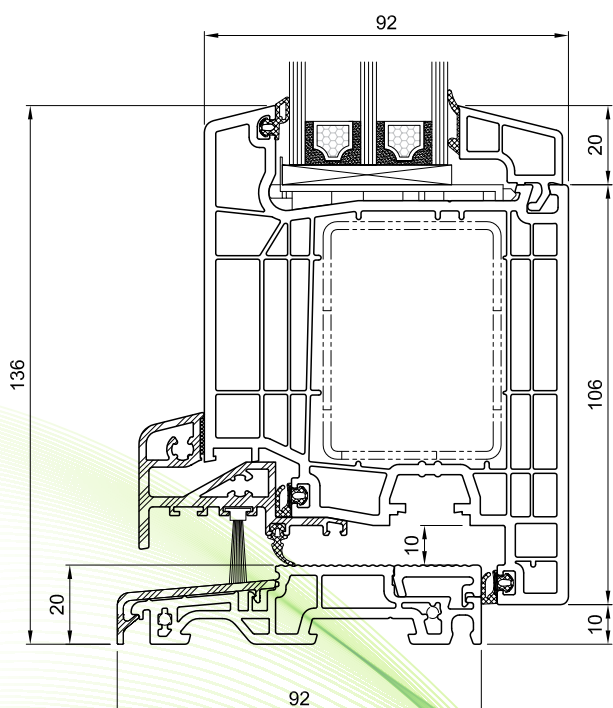


Mechanical load
DIN EN 13115
class: 3



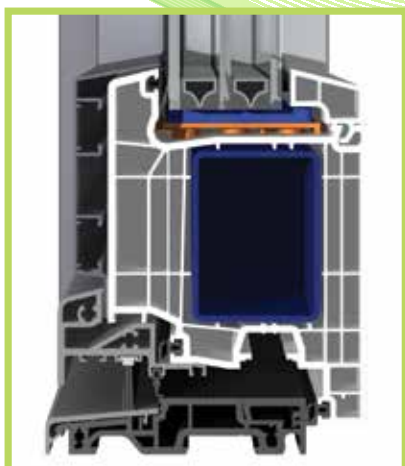
Burglary protection
DIN EN 1627 - 1630
RC 2

System construction



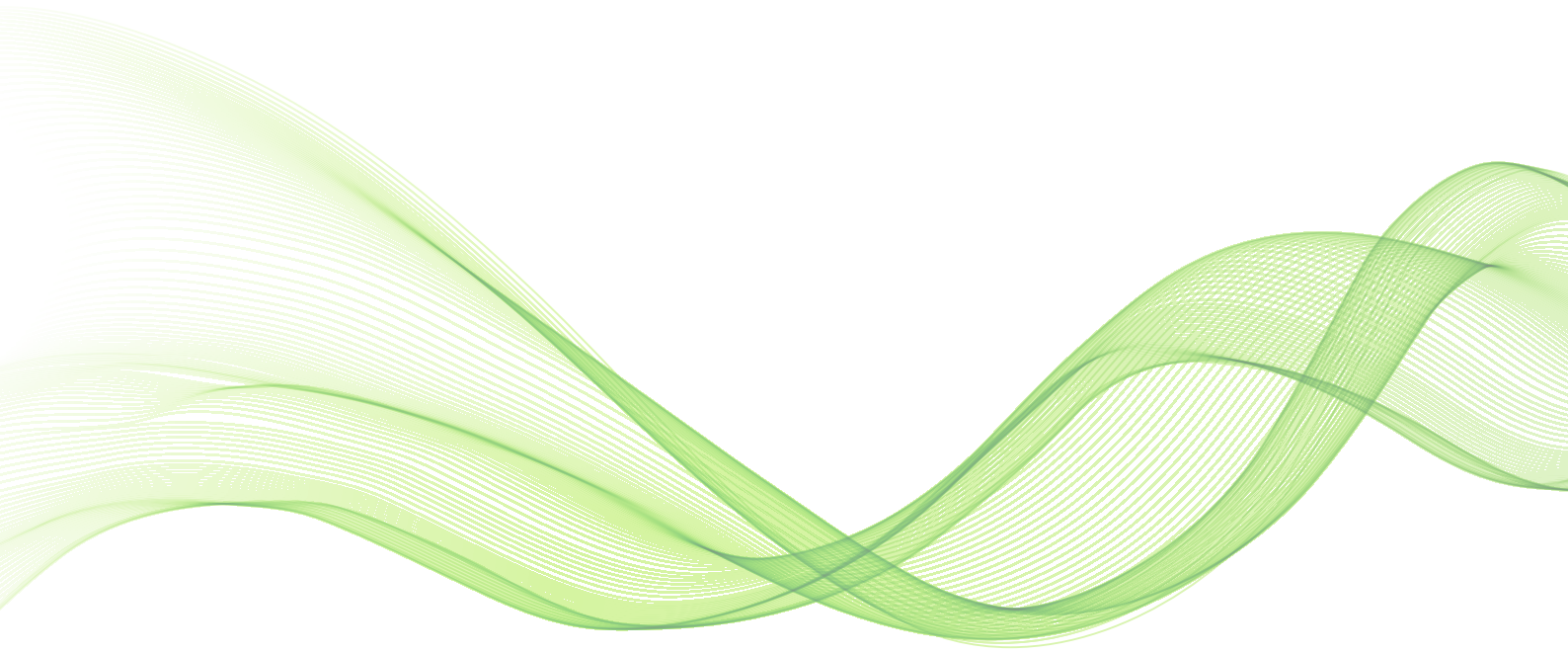
barrier-free threshold

with aluminium cover profile



leaf concealing
door panel





* Subject to alterations

SALAMANDER[®]

WINDOW & DOOR SYSTEMS

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