



# Entrance door

*Welcome at home*


 Brümann bluEvolution: 73

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# Brügmann bluEvolution: 73 Entrance door

The first impression will convince you – so will the second. Brügmann bluEvolution 73 door profiles are specially designed for the high demands that every entrance door must meet. Their extremely stable construction with large-dimensioned steel reinforcements can stand up to continuous stress and strain while still providing a maximum of comfort. Four-chamber technology with continuous all-round gaskets guarantee perfect thermal insulation and maximum stability. Security fittings with three- or five-point locks can be installed to meet the highest security requirements - so your home stays yours!

## Profile system

Technical data		
Construction depth	73 mm	
Visual width	from 163 up to 185 mm for combination of frame and sash	
Sealing concept	two continuous all-round gasket levels gaskets fitted in the factory	
Chamber design	5 chambers in frame and 4 in sash	
Application areas	entrance door	
Heat transition coefficient	up to $U_d = 0.91 \text{ W/(m}^2\text{K)}^*$ *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 44 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 anthracite, 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 2400mm</p>

## Properties



Heat transition coefficient  
DIN EN 12412-2 / 10077-2  
up to  $U_f = 1.5 \text{ W/(m}^2\text{K)}$



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

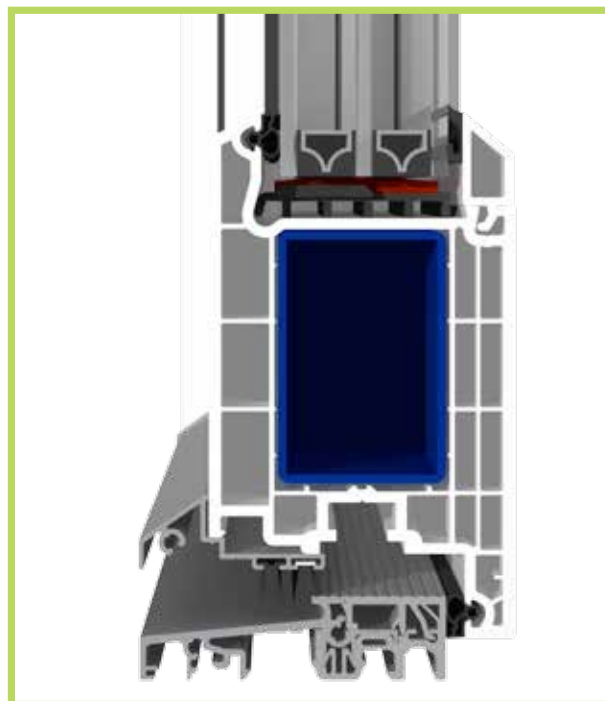
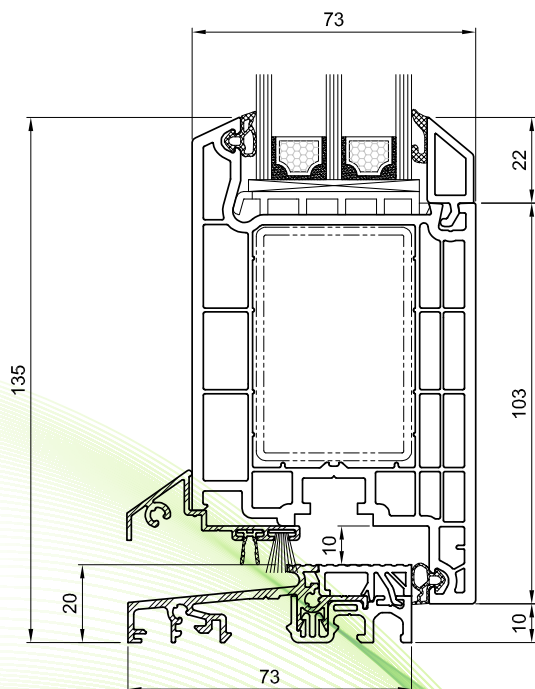


Mechanical load  
DIN EN 13115  
class: 3

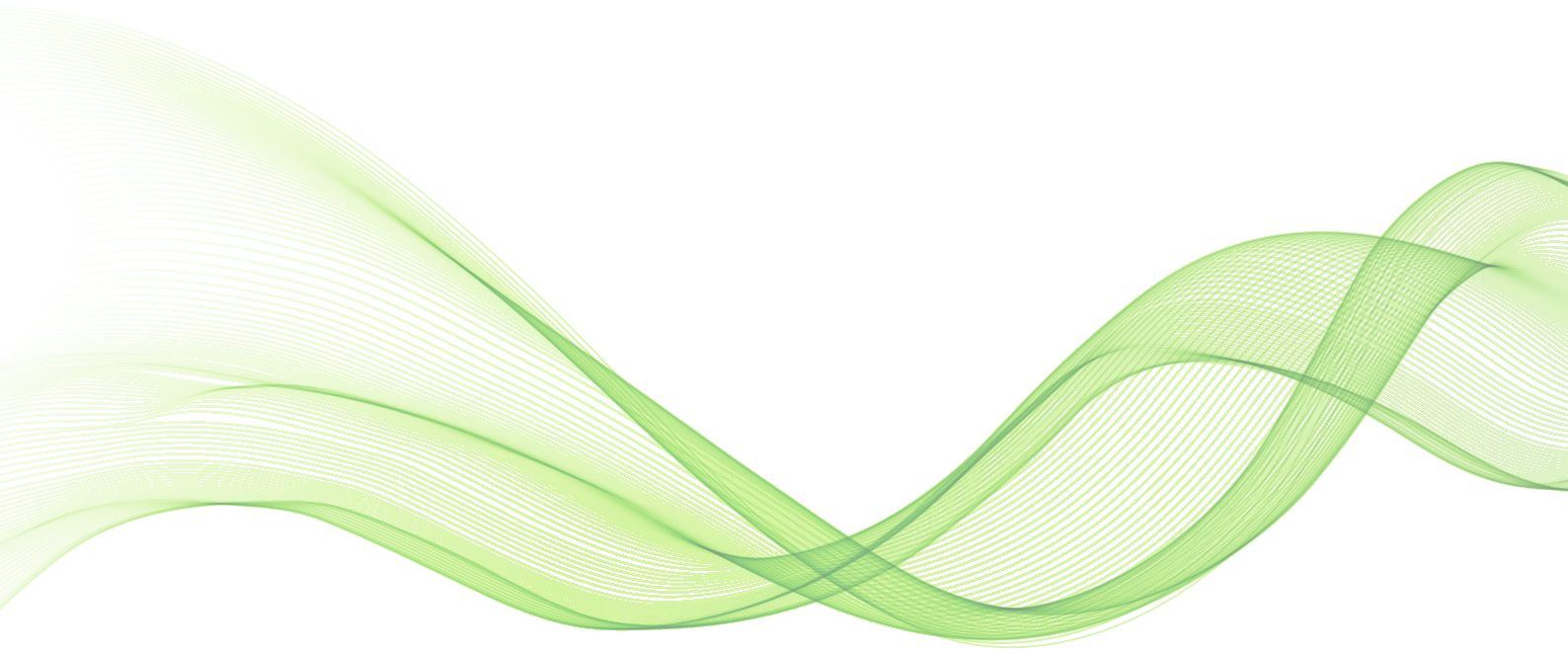


Burglary protection  
DIN EN 1627 - 1630  
RC 2

## System construction



thermally separated threshold



\* Subject to alterations

# SALAMANDER®

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