



## National Declaration of Performance

### 53/612/3 ZENIT

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| <b>1</b> | <b>Name of construction product</b>  | ZENIT gutter system  |
| <b>2</b> | <b>Product type designation</b>  | Gutters and downpipes with accessories made of galvanized sheets, coated with polyurethane.  |
| <b>3</b> | <b>Intended applications</b>   | Drainage of rainwater from pitched roofs in residential, public and industrial buildings.  |
| <b>4</b> | <b>Manufacturer</b>  | <b>BALEX METAL sp. z.o.o.</b><br>Ul. Wejherowska 12C 84-239 Bolszewo<br><br>Manufacturing plant:<br>ELEMENT, a.s., Žilinská cesta 504/94, 013 11 Lietavská Lúčka   |
| <b>5</b> | <b>Authorized representative</b>   | N/A  |
| <b>6</b> | <b>System for assessment and verification of functional properties stability</b> | System 4   |
| <b>7</b> | <b>Reference norm:</b>   | <b>PN-EN 612:2006</b> "Eaves gutters with bead stiffened fronts and rainwater pipes with seamed joints made of metal sheet"<br><br><b>PN-EN 1462:2006</b> "Brackets for eaves gutters. Requirements and testing" |
| <b>8</b> | <b>Declared performance</b>  |  |

Declared functional properties of roof gutters made of metal sheets and downpipes according to PN-EN 612:2006.

Declared properties		Value		Reference norm
Sheet width	<b>Gutters</b>	d=128mm	280mm	PN-EN 612
		d=153mm	330mm	
	Downpipes	d=100mm	335mm	
		d=120mm	398mm	
Class of flange diameter and seam overlap		X		
Material	Type	St – hot dip galvanised steel sheet with organic coating		
	Class	DX52 + Z275 or higher		
	Thickness	0,55mm		
	Organic coating	HDS35/35		
Corrosion resistance		RC4		



Declared functional properties of brackets for eaves gutters according to PN-EN 1462:2006:

Declared properties	Value	Reference norm
Material	Hot dip galvanized steel sheet grade minimum DX52D + Z275 or higher	PN-EN 1462:2006
Load bearing class	H	
Corrosion resistance	A	
Suitability for screw fixing	S	

Performance of the product identified above is in accordance with the set of declared performance. This national declaration of performance is issued in accordance with the Act of April 16, 2004 on construction products under the sole responsibility of the manufacturer identified above.

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Signed in the name of Manufacturer:  
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 Quality Department Manager