

DECLARATION of PERFORMANCES
for Nicoll's Raingutters 'LG' series

Commercial Name of the product	Eaves gutters and fittings made of PVC-U
Designation of the construction product	LG series LG16 – LG25 – LG28 – LG29 – LG30 – LG33 – LG38
Intended use	used for rainwater roof drainage
Manufacturer	NICOLL 37-39 rue Pierre et Marie Curie - 49309 CHOLET Cedex Tél. : +33(0)2.41.63.73.83 - e-mail : tech-com.nicoll@allaxis.com
Polish Dealer	Idealny Dach Janecki Sp. J. Skórzewo, ul. Lipowa 11 60-185 Poznań
Polish system of declaration	System 4
Laboratory	N/A
Technical evaluation	N/A

Declared Performances

<i>characteristics of the construction product for intended use or uses</i>		<i>Performance</i>	<i>Reference Standard</i>
Impact resistance	Physical and mechanical properties of roof gutters	No cracks and visible scratches with the unarmad eye	EN 607:2006
Tensile strength		≥42 N/mm ²	EN ISO 6259-1:2003
Elongation at rupture		≥100%	
Impact strength		≥500 kJ/m ²	ISO 8256
Thermal shrinkage		≤3%	EN 743
Vicat's softening point		≥ 76°C	EN ISO 727
Resistance to high temperature	Physical properties of equipment elements	(1)	EN ISO 580:2006
Vicat's softening point		≥ 76°C	EN ISO 727
Artificial aging (color fastness)	Requirements for roof gutter systems	Changing the color should not exceed 3rd degree gray scale	EN 20105-A02:1996
Impact strength		≥50 %	EN ISO 8256
waterproofness		No leakage	EN 607:2004

(1) a radius equal to 15 times the wall thickness around the point of injection depth of the cracks, delamination or bubbles should not exceed 50% of the wall thickness measured at this point –OR– a distance equal to 10 times the wall thickness of the membrane area, the depth of cracks, delamination or bubbles should not exceed 50% of the wall thickness measured at this point –OR– A distance of 10 times the thickness of the wall from the point of the ring infusion the length of cracks should not exceed 50% of the wall thickness measured at this point –OR– The joining line should not have an opening greater than 50% of the wall thickness in this line –OR– In the remaining area, the depth of cracks and delamination should not exceed 30% of the thickness the walls at a given point, and the bladders should not have a length greater than 10 times the thickness of the wall.

(2) After dissection of the equipment, the intersections viewed without enlargement should not have present inclusions

The performance of the product identified above complies with all of the above in point 8, the declared usable properties. This national declaration of properties the utilitarian products are issued in accordance with the law of 16 April 2004 on construction products, under the sole responsibility of the manufacturer

Cholet, the 25/06/2018