

Declaration of Performance



EN 544

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In accordance with Regulation (EU) N° 305/2011;

We the manufacturer:

Icopal Ltd
Barton Dock Road, Manchester, M32 0YL. United Kingdom

Hereby declare the product(s) named below:

Xtra-Gard Standard Square Butt Bitumen Shingle

Production location ref: S0001-01-101

Complies with the provisions concerning the attestation of conformity and product performance as described in Annex ZA of the product standard: **EN 544: 2011 -Bitumen shingles with mineral and/or synthetic reinforcements.**

Description and Use: Bitumen sheet decorative tile for external cladding on pitched roofs and walls.

System of assessment of verification of constancy of performance (AVCP): System 3

Determination of the product type on the basis of Initial Type Testing (ITT), type calculation, tabulated values or descriptive documentation of the product under system AVCP 3 was carried out by notified testing laboratory N°s. 1301.

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TECHNICAL DATA

Characteristic	Value	Units	Harmonised technical specification
Tensile strength at break (width)	> 600	N/50 mm	EN 544: 2011
Tensile strength at break (length)	> 400	N/50 mm	
Elongation at break (width)	NPD	%	
Elongation at break (length)	NPD	%	
Nail shank tear resistance	> 100	N	
Dimensional variation of width	333 ±3	mm	
Dimensional variation of length	1000 ±3	mm	
Water absorption	< 2	%	
Flow resistance at elevated temp (at 90 °C)	<2	mm	
Mineral adhesion	<2.5	g	
Release of regulated substances	Product does not contain asbestos or tar constituents.		
External fire resistance*	B _{ROOF} (t1)		
Reaction to fire	Class E		
<i>NPD =No Performance Declared.</i>			

* since the external fire performance of a roof is dominated by the built up system, no performance can be assessed for the product alone.

Signed for and on behalf of the manufacturer by:



Neil Harrison
 Position: Technical Director
 Date: 01 July 2013