

Declaration of Performance No. 5037-1686

1. Product Type Dowel type Timber Fasteners - Annular Ring Shank Nails Nails
2. Type and Batch Annular Ring Shank Nails identified by a Batch No. on the box.
3. Intended Use Structural timber connections
4. Manufacturer Hexstone Ltd t/a Owlett-Jaton, Opal Way, Stone ST15 0SW
Factory number 474
5. Authorised Representative N/A
6. System of Assessment System 3
7. Technical Assessment and Notified Bodies Test Report Numbers 13.0367
Tests carried out by SHR Het Cambium, Nieuwe Kanaal 9b, Netherlands
Notified Body No. 1686 to EN14592:2008 + A1:2012
8. D o P for ETA N/A

9. Declaration of Performance

Essential Characteristics and Dimensions							
Nominal Diameter	d_{nom}	mm	2.00	2.65	3.35	3.75	5.00
Head Diameter (Nominal)		mm	5.0	6.0	7.5	8.0	10.0
Characteristic yield moment	$M_{y,k}$	Nmm	934	2188	4342	6215	11547
Withdrawal parameter Spruce at WMC 12%	$F_{ax,k}$	N/mm ²	3.9	6.40	8.3	4.5	5.1
	P_k	kg/m ³	450				
Head Pull Through parameter Okoume plywood 18mm Class	$f_{head,k}$	N/mm ²	32.3	54.4	47.5	41.3	37.7
	P_k	kg/m ³	525				
Characteristic tensile capacity	$F_{tens,k}$	kN	2.29	3.26	5.5	7.35	10.10
Plain	Service Class according to		Class 1				
Sheradised	EN 1995-1-1		Class 2				

The previous performance relates to the following product range

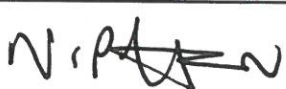
Plain		
Size	Diameter	Length
2.0 x 20	2.00	20.0
2.0 x 25	2.00	25.0
2.65 x 40	2.65	40.0
2.65 x 50	2.65	50.0
3.35 x 50	3.35	50.0
3.35 x 60	3.35	60.0
3.35 x 65	3.35	65.0
3.75 x 75	3.75	75.0
5.0 x 100	5.00	100.0

Sheradized		
Size	Diameter	Length
2.65 x 40	2.65	40.0
2.65 x 50	2.65	50.0
3.35 x 65	3.35	65.0
3.75 x 75	3.75	75.0
5.0 x 100	5.00	100.0

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9

The declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Signed on behalf of the manufacturer

Name and Function	Place and Date	Signature
Nick Horton	Stone	
Purchasing Director	31/8/18	