

## Declaration of Performance

### No. SHS-3/15 Rev.3

<b>Product Type</b>	Cold formed welded square hollow section S355J2H
<b>Code of the Product Type</b>	SHS S355J2H
<b>Intended Use</b>	Construction product
<b>Manufacturer</b>	ELASTRON SA, Ag.Ioannis Str., Ag. Ioannis, Aspropyrgos,19300, Athens, Greece
<b>Verification of Constancy</b>	System 2+
<b>Harmonised Standard Reference</b>	EN10219-1:2006 MIRTEC SA (Notified body number: 0437) has performed initial inspection of the manufacturing plant and of factory production control (FPC), performs continuous surveillance, assessment and evaluation of FPC and issued certificate: 0437-CPR-003/18

Essential Characteristic	Performance	Harmonised Technical Specification
Tolerances on Dimensions & Shape	Tables 2, 3, 4	EN10219-2:2019
Yield Strength	$\geq 355 \text{ N/mm}^2$	EN 10219-1:2006
Tensile Strength	<3 mm thickness 510-680 N/mm <sup>2</sup> $\geq 3 \text{ mm thickness } 470-630 \text{ N/mm}^2$	EN 10219-1:2006
Elongation	Table A.3	EN 10219-1:2006
Impact Strength	<6 mm thickness NPD $\geq 6 \text{ mm thickness } \geq 27\text{J at } -20^\circ\text{C}$	EN 10219-1:2006
Weldability	CEV $\leq 0.45\%$	EN 10219-1:2006
Durability	Suitable for galvanising	EN 10219-1:2006

The performance of the product identified above is in conformity with the declared performance identified in the table. This declaration of performance is issued in accordance with regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

On behalf of the manufacturer  
Aspropyrgos 06/01/20

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