

DECLARATION OF PERFORMANCE

No.007 According to regulation EU

1. Unique identification code of the product-type:

1.0045

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: to be used as hot rolled products of structural steel

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

*Travi e Profilati di Pallanzeno S.p.A.
 San Zeno Naviglio Plant
 Via A. Diaz, 248
 25010 San Zeno Naviglio (BS), Italia
 Tel. +39 030 2169200*

4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): Non applicable

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

6a. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN 10025-1: 2004

Notified factory production control certification body No. (See list below) performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

*Approval certificate 1608 – CPR – P239
 IGQ Istituto Italiano di Garanzia della Qualità
 Via Giosuè Carducci 125/A - 20099 Sesto San Giovanni (MI)*

6b. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: Non applicable

7. Declared performance

Essential caratteristic		Performance		Harmonized technical specification
Tolerances on dimensions and shape	H	EN10034:1993		EN10025-1:2004
	IPE	EN10034:1993		
	IPN	EN10024:1995		
	U-UPN	EN10279:2000		
Yield strength	Nominal thickness (mm)	Value min (Mpa)		
	≤ 16	355		
	>16 to ≤40	345		
Tensile strength	Nominal thickness (mm)	Value min (Mpa)	Value max (Mpa)	
	≤100	470	630	
Elongation	Nominal thickness (mm)	Value (%)		
	≥3 ≤ 40	≥ 22		
Impact strength	Nominal thickness (mm)	Value (J)	Temperature °C	
	≤ 150	≥ 27	+ 20	
Weldability CEV% max	Nominal thickness (mm)	Value (%)		
	≤ 30	≤ 0,46		
	> 30 to ≤ 40	≤ 0,48		
Durability (Chemical composition)	Nominal thickness (mm)	Value min. (%)	Value max (%)	
	≤ 16 ; >16 to ≤ 40		C ≤ 0,24	
			Mn ≤ 1,60	
		Si ≥ 0,14	Si ≤ 0,25	
			P ≤ 0,040	
			S ≤ 0,040	
			Cu ≤ 0,55	
			N ≤ 0,012	

8. Appropriate Technical Documentation and/or Specific Technical Documentation: Non applicable

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

Signed for and on behalf of the manufacturer by:

Gabriele Comandini
 Plant Manager





1608

**Travi e Profilati di Pallanzeno S.p.A.
via A. Diaz 248, San Zeno Naviglio – 25010 (BS), Italia**

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EN10025-1:2004

[Tipo: S355 JR +AR]

Intended to be used on products for structural steel

Tolerances:

Yield strength

Tensile strength

Elongation

Impact strength

Weldability CEV

Espresso as indicated in the DoP

Durability:

NPD

Regulated substance:

NPD