DECLARATION OF PERFORMANCE

No. 1071-CPR-1797

1. Unique identification code of the product-type:
TSS 60 P, TSS 101, TSS 102, TSS 72 P, TSS 25 L, TSS 20 FA, RVK 60 P, RVK 101 Support Inserts

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
Invisible Connections Support Insert type ,TSS and RVK, Design TSS 102 and drawing TSS 102 of 11.05.2011, K3-0315 and TSS,RVK ETA-11/0346

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Generic type and use	Cast-in, structural steel hollow section with inner structural steel hollow section deployed during installation. Used to support precast concrete elements into which they are cast.
Product size covered	TSS 25 L TSS 20 FA TSS 60 P TSS 72 P TSS 101 TSS 102 RVK 60 P RVK 101
Base material / base material strength	Concrete minimum C35/45 in accordance with EN 206-1:2000-12
Base material condition	Cracked and non-cracked concrete
Insert material	Steel grade S355 J2H in accordance with EN 10219-1 Finished as plain or as hot dipped galvanized according to ISO 1461
Loading capacity	Vertical load capacity of 100 kN

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
Invisible Connections is a trademark of Invisible Connections AS, Strandgata 98, 6300 Andalsnes, Norway

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): ----

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 2+

Declaration of Performance
Invisible Connections
TSS Support Inserts

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

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
SINTEF issued performed under system 2+, described in the annex ZA of the standard

9. Declared performance

Essential Characteristics	Design Method	Performance	Harmonized Technical Specification
Characteristic resistance for shear	Eurocode 2 Euroccod 3	EN 1090-2	
Characteristic resistance for shear (with reinforcement)		EN 1090-2	
Fire exposure		NPD	
Fatigue loading		NPD	
Minimum concrete thickness and edge distance		Memo 54 and 55	

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

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by:

28 October 2026

Nils Magne Dale
CEO
Invisible Connections AS

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