

DECLARATION OF PERFORMANCE
No. 004

1. Unique identification code of the product-type:

Roof ladder EN 12951 - C2 – TB (corrugated and profile roofs, felt roof, tile roof, lock-seamed roof, seamed roof, dekra steel tile roof, profile sheet (load bearing) roof, fibre cement sheet roof, steel batten roof)

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

C2TB Roof ladder

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

Roof ladder which is permanently installed on the load-bearing construction of pitched roofs and which may be stepped or walked on for purposes of inspection, maintenance and repair of equipment installed above the roof surface. May be used as anchorage point which personal protective equipment against fall or for restraint is attached if installed and maintained according to manufacturer's instructions.

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

Nesco Oy
Teollisuustie 8
FI-16300 Orimattila
tel. +358 207 3535 60

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

AVCP system 3

- 1) Initial type testing by a notified test laboratory: VTT Expert Services Oy
- 2) Factory production control

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

VTT Expert Services Oy (Notified body No. 0809)
PL 1001, 02044 VTT, Finland
Tel. +35820 722 111

Performed initial type testing under conformity system (AVCP) 3 by the Appendix ZA (EN12951:2004) and issued test reports.

7. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Measures depth of rungs (d) length of steps or rungs (L) diameter of rungs (D) distance between highest elevation of roof covering and the upper edge of the step or rung between cross beams of the roof ladder (H)	$20 \leq d \leq 80 \text{ mm}$ $L \geq 350 \text{ mm}$ $25 \leq D \leq 40 \text{ mm}$ $H \geq 100 \text{ mm}$	EN 12951 5.2
Mechanical strength Static load (F_1) in the direction of the roof inclination and in the vertical direction Resistance to torsion (M) Dynamic strength (free fall of 2,5 m)	Class C2 $F_1 \geq 1,5 \text{ kN}$, deflection of rungs under 5 mm $F_1 \geq 1,5 \text{ kN}$, deflection of stiles under 10 mm $M \geq 50 \text{ Nm}$ Drop mass of (100±1) kg	EN 12951 5.1 EN 12951 6.1 EN 12951 6.1 EN 12951 6.2 EN 12951 6.3
Reaction to fire	A1	EN 12951 6.4
Durability of mechanical strength	$\geq$ hot dip galvanized steel with a protective layer of 50 μm	EN 12951 Clause 4, first three paragraphs

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. 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

In Orimattila 26.6.2013


Jari Pohja, CEO
Nesco Ltd.