

DECLARATION OF PERFORMANCE

N° 77112



1. Sole identification code of the product-type: SC/ST 77112 3172

2. Type number:

| | | | | |
|----|-----|------|---|------|
| NF | 290 | 14,0 | x | 1,00 |
|----|-----|------|---|------|

3. Expected use of the construction product, in conformity with: EN 1057

Copper and copper alloys – Seamless, round copper tubes for water and gas in sanitary and heating applications

Uses:

- distributing networks for hot water and cold water;
- hot water heating systems, including panel heating systems (under-floor, wall, overhead);
- domestic gas and liquid fuel distribution;
- waste water sanitation;

4. Name and address of manufacturer:
Feinrohren S.p.A.
Via Generale Reverberi, 8
25050 Passirano (BS)
Italy

5. NOT APPLICABLE

6. Assessment and verification system of the constant performance of the construction product: 3

7. The notified body: CSTB 0679

Has performed the type tests and issued the DECLARATION OF CONFORMITY for seamless copper pipes having an external diameter between 6 mm and 42 mm

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8. NOT APPLICABLE

9. Declared performance:

| Essential characteristics | Performances | Harmonised specification |
|--|---|--|
| Dimensions | Outside diameter - mm | 14,0 |
| | Thickness - mm | 1,00 |
| | Length - mm | 2.000,0 |
| Dimensional tolerances | Outside diameter - mm | ±0,04 |
| | Thickness - % | ±13 |
| | Length - mm | + 5 - |
| Reaction to fire | Class A.1 | Decision of the commission 2000/605/EC |
| Resistance to compression | Derives from Wall thickness and Mechanical properties | NPD |
| Resistance to internal pressure | | |
| Resistance to high temperatures | Suitable for uses up to 120 °C | UNI EN 1057:2010 |
| Weldability | pass | |
| Tightness: gas and liquid | pass | |
| Durability of crushing strength, internal pressure and tightness | pass | |

10. The performance of the product at points 1 and 2 conforms with the performance declared at point 9.
 This declaration of performance is issued under the sole responsibility of the manufacturer at point 4.

Signed in the name and on behalf of the manufacturer

Brescia, 1 luglio 2013

Gnutti Gabriele, Quality Assurance