FEINROHREN S.p.A.

CE DECLARATION OF PERFORMANCE Nr.: 1057

The undersigned, representing the following manufacturer

FEINROHREN S.p.A.
Via Generale Reverberi, 8
25050 Passirano (BS)
Italia

herewith declare that seamless round copper tubes, having an outside diameter between 6mm and 267mm, are suitable for use in:

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

are in conformity with the provisions of the following EU Regulation and EC Directive when installed in accordance with national regulations:

EU 305/2011 EU - Construction Products Regulation (CPR)
2014/68/EU EU - Pressure Equipment Directive (PED)

and meet the requirements of the following harmonized standard

EN 1057:2006+A1:2010 "Copper and copper alloys - seamless round copper
System 3 Annex ZA tubes for water and gas in sanitary and heating applications"

The notified Certification body: Nr. CPD 0679
CSTB - Centre Scientifique et Technique du Batiment
84 Avenue Jean Jaurés
Champs-sur-Marne
77447 Marne-la-Vallée Cedex 02
France

performed the determination of the product-type on the basis of type testing (based on sampling carried out by the manufacturer) of the product under system 3 and issued as:
Certificate number: 08/032



Gnutti Gabriele
Quality Assurance Manager

FEINROHREN S.p.A.

CE

DECLARATION OF PERFORMANCE Nr.: 1057

Declared performance according :

EN 1057:2006 + A1:2010 - Annex ZA - Construction Products

Essential Characteristics	Result	Comments
Reaction to fire	Class A1	Commission decision 96/603/EC as amended 2000/605/CE
Crushing strength	NPD	Derives from Wall thickness and Mechanical Properties
Internal pressure	NPD	Derives from Wall thickness and Mechanical Properties
Dimensional tolerances	Pass	All tubes meet dimensional tolerances
Resistance to high temperature (for heating networks)	Suitable for use up to 120°C	Properties of copper do not reduce significantly at temperatures used in heating networks (i.e. up to 120 °C). Copper can be used at higher temperatures with appropriate allowances due to strength reduction
Weldability (for gas networks)	Pass	The weldability is a characteristic of the quality of the used copper, guaranteed by the control of the composition of the material
Tightness (gas and liquid)	Pass	All tubes are subjected to freedom from defect test
Durability of crushing strength, internal pressure and tightness	Pass	Tubes meet surface quality requirements

*Note: NPD = "No performance determined" acc. to EN 1057 ZA

EN 1057:2006+A1:2010 - Annex ZB - Pressure Equipment

Essential Characteristics	Comments
Material Properties – brittle fracture prevention	Copper, having a face centered cubic structure, does not suffer from brittle fracture
Conformity of material and certified documentation	Certifications provided when requested

GENERAL COMMENTS

- The CE mark is a passport for free trade across Europe. It does not replace existing national regulations for specific application. (e.g. water, gas, sanitary and heating etc.)
- Copper tubes are suitable for drinking water application under national regulations.
- The performance of the product identified above is in conformity with the declared performance.
- This declaration of performance is issued under the sole responsibility of the manufacturer.

Via Generale Reverberi, 8 – 25050 PASSIRANO (BS) – Italy - Tel. (+39) 030 6549011 – Fax (+39) 030 6549300
e-mail: info@feinrohren.it - Sito internet: www.feinrohren.it – Cod. Fiscale 00294280177 – Partita IVA 00551380983