

CLASS 1

## Building Product Information Sheet

**Product name:**

Instantor® Lead-Free Brass Compression Fittings Range

**Product line** (the product line from which the product is customised):

Copper Alloy Compression Fittings from Lead-Free\* Brass EN12165 CW511L & H65 (NSF372- <0.25%wt. Pb)

**Product description and its intended use** (measurements, materials, usage):

Instantor® Lead-Free\* Brass Compression Fittings Range for use with water-based Heating & Cooling, Potable Hot & Cold Services, Compression Air(oil-free) and Gas applications.

Metric & Imperial diameter compression fittings. ½" (14.73mm), ¾" (21.08mm) & 1" (27.43mm) + 15mm, 22mm & 28mm.

EN12165 CW511L Copper Alloy and H65 Copper Alloy KIWA Toxicological Report to NSF372. Report No#20241011DBo.

Lead-Free\* as tested to NSF372 – Lead content must be below <0.25% Wt.

Dezincification Resistant Grade A: Less than <100um when tested to ISO6509-1/AS 2345:2006.

Stress Corrosive Cracking Resistant: Ammonia tested to ISO6957.

EN1254-2:2021 , WRAS REG4Uk (BS6920) , ISO9001 & ISO14001.

**Product identifier** (if applicable):

'S' in Circle Logo for Sanbra Fyffe Ltd + 'LF' for Lead-free material brass <0.25% + Dimensions on Nut, 'Instantor' on Nut and 'EN1254-2' on nut. 'CR' on body for dezincification resistant grade A [DBA]

**Place of manufacture:**  Aotearoa New Zealand  Overseas

**Legal and trading name of the manufacturer(s):**

Sanbra Fyffe Ltd - T/a Instantor

**Legal and trading name of the importer** (if applicable):

Sanbra Fyffe Ltd – T/a Instantor

**Address for service:**

Instantor Works, Santry Avenue, Santry, Dublin

Rep. of Ireland , EU.

D09 K160

**Website:**

www.Instantor.ie

**Email address:**

Info@Instantor.ie

**Phone No.** (if applicable):

+353 (0)1 842 6255

**NZBN** (if applicable):

**Relevant Building Code clauses:**

Durability B2.1 & B2.3.1.  
 Hazardous Building Material F2.1  
 Piped Services G10.1, G10.2, G10.3  
 Water Supplies G12.1, G12.3.

**Statement on how the building product is expected to contribute to compliance:**

Durability B2.1  
 In non-aggressive installations Copper Alloy plumbing materials meet the durability requirement of B2.3.1(A)  
 Designed for a minimum lifetime of 50 years.

Hazardous Building Material F2.1  
 Copper & Copper Alloy does not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space as requirement F2.3.1.

Piped Services G10.1  
 Copper & Copper Alloy avoids the likelihood of significant leakage or damage during normal or reasonably foreseeable abnormal conditions as per requirement G10.3.1

Water Supply G12.1  
 Copper & Copper Alloy supply systems provide water intended for human consumption, food preparation, utensil washing, or oral hygiene must be potable, as per requirement G12.3.1 and is durable in that it avoids the likelihood of leakage as per requirement 12.3.7.(b).

G12/AS1: 2.1.3 Lead in plumbing products:  
 CW511L & H65 Copper Alloy Lead-Free\* Compression Range are tested and comply with NSF/ANSI/CAN 372.

G12/AS1: 2.2 Materials:  
 Designed and constructed to EN1254-2:2021 for use with copper tubes to EN1057 & NZS3501: Temper R250 & R290.  
 WRAS REG4UK (BS6920) Approval.

G12/AS1: 2.2.3 Dezincification Resistance:  
 Dezincification Resistant Grade A: Less than <100um when tested to ISO6509-1/AS 2345.  
 Stress Corrosive Cracking Resistant: Ammonia tested to ISO6957.

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured*
- *physical properties of the building product*
- *how the building product is intended to be used.*

**Limitations on the use of the building product:**

As defined in the scope of NZS3501 & Building Regulation 1992 (amended Dec 2023)

**Design requirements that would support the use of the building product:**

Durable & Proven Performance of design & materials. SEP (Sound Engineering Practice)

- Dezincification Resistant
- Stress Corrosive Cracking Resistant
- Toxicological Report to NSF/ANSI/CAN 372.
- EN1254-2 Compression fittings
- WRAS REG4UK Approval (BS6920)

**Installation requirements:**

Following best practice by a licensed plumber, HVAC Engineer.

**Maintenance requirements:**

Installations require no ongoing maintenance Post commissioning.

**Is the building product/building product line subject to warning or ban under section 26?:**

Yes  No

**If yes, description of the warning or ban under section 26:**

**Date:**

19/11/2024