Technical Data Sheet

Issued on : 23/09/2025
Version : 2
Cancels and replaces previous versions

COPPER TIN SOLDER WITH FLUX CORE

BRASURE ETAIN CUIVRE AME DECAPANTE

Functionality

Tin alloy (97%) in the form of a thread with a stripping soul for soft soldering of metals.

- Conform for water distribution facilities for human consumption,
- Copper, brass, bronze et steel pipes and fittings.

Labels and Accreditation

Complies with the Order of 10/6/96 prohibiting lead-containing solders on this type of installation.

Complies with ISO 9453: Alloy N° 402

Alloy designation : Sn97Cu3

Technical characteristics

Characteristics	Specifications
Diametre of the thread	20/10eme with stripping soul (organic flow that has no corrosive action)
Alloy	97% +/- 0.2 % Tin / 3% +/- 0.2% Copper
Melting interval	+227°C to +320°C
Use temperature	+380°C to +480°C
Type of incorpored flux	Classe 2 (from 1.6% to 2.6%) stripping soul type 1.1.2 standard ISO 9454

Use

Preparation

- Clean the parts to be assembled with the LAINE D'ACIER stamp beforehand.

Instructions for use

- Position the parts and heat them by sweeping with the flame,
- Keep the parts at temperature with the blowtorch,
- Unroll the COPPER TIN SOLDER WITH FLUX CORE (BRASURE ETAIN CUIVRE AME DECAPANTE) and approach the fitting.

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- Do not heat the input metal with the flame : the hot piece melts COPPER TIN SOLDER WITH FLUX CORE (BRASURE ETAIN CUIVRE AME DECAPANTE).
- Stop depositing input metal as soon as a ring forms at the base of the fitting,
- Allow to cool and remove residue with a wet cloth.

Material cleaning

With a wet cloth

Safety precautions

The Material Safety Data Sheet is available on the Internet on www.quickfds.com or on www.geb.fr .

If the product is subject to detergent regulation : Component list available on request at reach@geb.fr

If the product is subject to biocide regulation or if it contains a biocide to protect it : Consult the Material Safety Data Sheet - Please use the products responsiblly.

Tip

If the play between the fittings is very important, fill it with a new input of welding.

Comments

Does not result in subsequent corrosion of the pipes before and after welding.

Storage

The expiry date on packaging is for unopened product stored at 20°C in normal hygrometry conditions.

Packaging and waste sorting

Refer to the information on the product and to the applicable local regulations.