

CW625N, dezincification resistant brass alloy

Holder/Issued to

HME Brass Germany GmbH

Miraustraße 10-14, 13509 Berlin, Germany.

Product description

Dezincification resistant brass alloy CW625N in rods or hollow rods for machining or hot stamping.

Chemical composition of the alloy (percentage by mass):

Cu	62,0 - 64,0	Pb	1,2 - 1,6	Al	0,5 - 0,7
As	0,02 - 0,15	Fe	≤ 0,3	Sn	≤ 0,3
Ni	≤ 0,2	Mn	≤ 0,1	Zn	Remaining

Each other impurity < 0.02

Intended use

Brass alloy in rods or hollow rods for manufacturing of components for use in tap water installations, especially by machining or hot stamping.

Trade name

CW 625N

Approval

The product satisfy the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this type approval, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Tap water installations
Design

6:62, 2nd paragraph and general recommendation
6:625, 1st sentence

The alloy fulfills requirements for product group B according to "4MSI Common approach: Acceptance of metallic materials used for products in contact with drinking water".

Semi produced products intended for machining shall be heat treated at (500-550) °C for 1-2 hours, followed by slow cooling in air.

Products produced by hot stamping shall be done at (700 – 850) °C followed by heat treating at (500-550) °C for 1-2 hours, followed by slow cooling in air.

Associated documents

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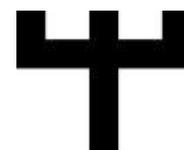
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Control

The factory production control (FPC) is monitored by an independent inspection body.

Control plan: Ref no. 210-16-0391, Inspection body: RISE

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this type approval. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this type approval is based.

Manufacturing place

Production control includes the following place:

HME Brass Germany GmbH, Miraustraße 10-14, 13509 Berlin, Germany.

Marking

The products are to be marked at the factory.

The marking consists of a label on every packaging unit supplied and includes:

Holder	HME Brass Germany GmbH
Product type designation	CW625N
Consecutive date of production	date
Type approval number	SC1088-16
Properties	EN 12168 hollow rod EN 12164 rod / 12165 rod
Boverket's registered trade mark	†
RISE Accreditation number	1002
Certification body and Inspection body	RISE

Basis for approval

Report 47237, 574782 and 574783 from D-LAB, Sweden.

Report PB400/004/17 from Institut für korrosionsschutz Dresden GmbH, Germany.

Report ca896282 from RISE.

Comments

This type approval supersedes the previous type approval with the same number dated 2017-03-02.

Validity

Valid through 2027-04-07.

Validity of this type approval can be verified on our website.

The validity of this type approval expires when the type approved product with the intended use according to this type approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.



Martin Tillander

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence

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