



SWEDISH TYPE APPROVAL 1181 WITH DECISION ON PRODUCTION CONTROL

Holder: Nordic Brass Gusum AB

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Brass alloy CW625N

Product description

DZR (dezincification resistant) brass alloy in bars for hot forging and machining.

Intended use

Manufacturing of components for fixtures, appliances, fittings and pumps in drinking water applications. Components made of CW625N are particularly useful in environments where demands on a good dezincification resistance are high.

Coverage

The alloy composition, in weight percent:

CW625N	Cu	Zn	Pb	Sn
Boundaries	63,0-64,0%	Rest	1,2-1,5%	≤0,3%

Fe	Al	Ni	Mn	As	Others
≤0,1%	0,5-0,6%	≤0,2%	≤0,1%	0,02-0,05%	≤0,2%

Approval

The products meet the requirements of Chapter 8, Section 4, of the Planning and Building Act (PBL) regarding the technical properties of Building Works, [3. Protection with regard to hygiene, health and the environment], depending on, that what is stated in this approval is followed. The products are approved according to the following section(s) of Boverkets's Building Regulations (BBR):

Construction products with assessed properties, 1:4
Installations for tap water, 6:62 – paragraph 2
Design, 6:625 – paragraph 1

Marking

Marking must be made on the product or, if there are special reasons, on the packaging or the delivery note. Marking shall indicate the following information:

Holder:	Nordic Brass Gusum AB
Product name, and relevant article number:	CW625N
Production site:	Gusum Gräsdalen, 61 571 GUSUM
Year of manufacturing or other traceability to manufacturing:	i.e. yyyy-mm-dd
Information requiring subsequent heat treatment according to the manufacturer's specifications	
Boverket's registered trademark no. 241 217:	
Certification Body:	Kiwa Certification Sweden
Accreditation number:	1913
Type Approval no:	1181
Inspection Body:	Kiwa Sverige

CERTIFICATE

Factory production control

The manufacturer's self-monitoring is surveyed by an accredited Inspection Body.
Inspection Body: **Kiwa Sverige** Control agreement: **018/16**

During check at the construction site, the Contractor must verify the identity of the product through the marking. Furthermore, the client must ensure that the correct products are delivered and that they are installed in accordance with the manufacturer's instructions in the accompanying documents. It must also be checked that the product is accompanied by a manufacturer's declaration certifying that manufacturing has been carried out in accordance with the documents which formed the basis for this type approval.

The validity of the Swedish Type Approval also implies that the Factory Production Control takes place according to agreement **018/16** and that the holder annually fulfils the requirement in Boverket's regulation BFS 2013: 6, § 5 (TYP 7), on continuous Factory Production Control. The holder must annually report on the result of the surveillance of the Factory Production Control, conducted by the designated Inspection Body, by e-mail to Kiwa Certification on December 15th the latest. se.bygg@kiwa.com.

Basis of the approval

Test report no: 113-30922 by FORCE Technology and 11192 by Swerea KIMAB.
Analysis report DL-46783 by Degerfors Laboratorium AB and 101050 by Swerim.
Report about annual surveillance, dated 2018-11-16 by Kiwa Sverige

Notes or remarks

The alloy corresponds CW625N (CuZn35Pb1.5AlAs) according to international standard.

Type approval is valid provided that the product is not to be CE marked according to the Construction Product Regulation, (EU) no. 305/2011 (CPR), or has been suspended or withdrawn by Kiwa Certification Sweden.

Date of decision: 2019-05-13

Registration number: 411/19

Valid until: 2024-05-12

Previous registration number: 986/14



Bengt-Olov Andin



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Accred. no. 1913
Certification of
Products
ISO/IEC 17065