



SWEDISH TYPE APPROVAL 1765 WITH DECISION ON PRODUCTION CONTROL

Holder: Diehl Brass Solutions Stiftung & Co. KG

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CW625N, dezincification resistant brass alloy

Product description

Dezincification resistant brass alloy CW625N in tubes and rods or hollow rods for hot forging and machining.

Chemical composition of the alloy in percentage by weight

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

Intended use

Manufacture of components for mixers, fittings, appliances and pumps in drinking water applications.

Scope

Alloy Diehl 415 – CW625N



Approval

The products meet the requirements of Chapter 8, Section 4, of the “Planning and Building Act” (PBA) regarding the technical characteristics of construction 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 “Boverket's Building Regulations” (BBR):

Construction products with assessed properties	1:4
Tap water installations	6:62, paragraph 2
Design	6:625, paragraph 1

Marking

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

Holder:	Diehl Brass Solutions Stift. & Co. KG
Product name, and relevant article number:	Alloy Diehl 415 – CW625N
Production site:	Applicable manufacturer or ID code
Traceability to the production:	(e.g. yyyy-mm-dd or batch number)
Information on requirements for subsequent heat treatment according to the manufacturer's specification	
The registered trademark of Boverket No 241 217:	
Certification Body:	Kiwa Certification AB 
Accreditation number:	1913
Type Approval No:	1765
Inspection Body:	TÜV Rheinland

CERTIFIKAT

Kiwa Certification AB

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Accred. no. 1913
Certification of
Products
ISO/IEC 17058

Production site(s):

Diehl Brass Solutions Stiftung & Co. KG, Heinrich-Diehl-Str. 9, 90552 Röthenbach, Germany.

Control

The manufacturers' continuing internal control is combined with surveillance inspections conducted by an accredited Inspection Body.

Inspection Body: **TÜV Rheinland**

Inspection agreement: **01 100 1700917, dated 29/07 2021**

Factory production control shall be carried out in accordance with the instructions for control, dated 14 Dec. 2021.

During inspection at the construction site, the building proprietor must verify the identity of the product by means of the marking. Furthermore, the building proprietor 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 verified that the product is accompanied by a manufacturer's declaration that certifies that production has been carried out in accordance with the documents that formed the basis for this type approval.

The validity of the Swedish Type Approval also implies that the factory production control is carried out according to the instructions for control and that the holder annually fulfils the requirement in "Boverket's regulations and general recommendations for type approval", BFS 2013:6, § 5 (TYP 7), on continuing internal control. The holder shall annually, at the latest on the 15th of December, report to Kiwa Certification AB at the e-mail address se.annualreporting@kiwa.com about continuing surveillance.

Associated documents

DIEHL Brass Solutions – Material datasheet Alloy 415, version: Juni 2021

The assessment basis for the approval

Test report 1.6/677 V2 by Bundesanstalt für Materialforschung und -prüfung (BAM).

Assessment report 360/2021, dated 14/12 2021 by Kiwa Certification.

Comments:

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

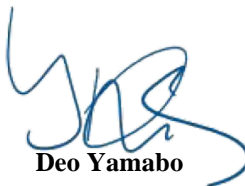
The Type approval is valid provided that the product shall neither be CE marked according to the Construction Product Regulation (EU) No 305/2011 (CPR), nor has it been suspended or withdrawn by Kiwa Certification AB.

Date of decision: 15 December 2021

Registration number: 360/2021

Valid until: 14 December 2026


Bengt-Olov Andin


Deo Yamabo