

Product Certificate

Reinforcing Steel Products

No.: DK-FC-030-10080-003 version 2

According to Danish Standard DS/EN 10080, 2nd Edition 2006-01-13, product certificate is issued to:

Badische Stahlwerke GmbH
Graudenzer Straße 45
D-77694 Kehl/Rhein
Germany

for the following product:

Reinforcing steel in coils

Production address:

Badische Stahlwerke GmbH
Zur Rauhen Horst 7
D-32312 Lübbecke
Germany

Certified product:

Reinforcing steel in coils

Manufacturing process:

Non-alloyed hot rolled, ribbed, cold stretched and coiled

Product specifications:

Characteristic strength, $R_{eH} = 550 \text{ N/mm}^2$ (MPa)
Characteristic ductility, $R_m / R_{eH} = 1.08$ and $A_{gt} = 5\%$
Class: B, according to Euro code 2
Characteristic bonding $f_R = 0,040$ for $8 \text{ mm} \leq d \leq 12 \text{ mm}$
 $f_R = 0,056$ for $d > 12 \text{ mm}$
Diameters, $D = 8 \text{ mm}, 10 \text{ mm}, 12 \text{ mm}, 14 \text{ mm}$ and 16 mm

Standard specifications:

Weight per meter, bend ability, weld ability and fatigue are all fulfilled

Straightening:

Suitable for roller and spinner straightening

Rib geometry:

As shown overleaf and extra mark for grade 550 MPa

Rolled-in marking:

1 (Germany) and 21 (BSW) as shown overleaf

Inspection report

FORCE Certification A/S File No.: 113-31978.a

Type testing:

FORCE Technology: File No. 114-21132.a

Previous certificate:

DK-FC-030-10080-003, dated 2014-03-25

The examined reinforcing steel product fulfils the requirements in Danish Standard DS/EN 10080, 2nd Edition 2006-01-13. The product certificate is valid for 5 years from the date of issue provided that periodical inspections are carried out during this period according to Annex A of the standard. If the product is altered or modified or the certification agreement terminates this certificate is no longer valid. The manufacturer shall inform FORCE Certification about any planned modification.

Date of issue: 2017-08-28

Signature:

Date of expiry: 2022-08-28

FC task No.: 117-32404

FC ID No.: DK-0200-02845



Kasper Munk Eliassen
Certification Manager

The basis for issuing of certificate DK-FC-030-10080-003 version 2

Danish Standard	DS/EN 10080, 2 nd Edition 2006-01-13
FORCE Certification	Publication ABC-Reinforcing steel 14 th Edition of July 2017
Inspection report	FORCE Certification A/S File No.: 113-31978.a
FORCE Certification	Check list, Edition 1
Type Testing Report	FORCE Technology file no. 114-21132.a
QA responsible to FORCE Certification	Jürgen Schulz
Note version 2:	Alternative version of the rolled in code

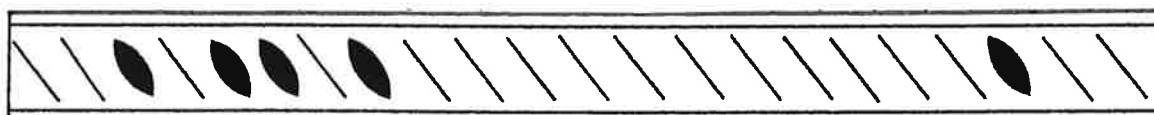
Rolled in code:



1 2 1 550



1 2 1 550



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