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0769

Schöck Bauteile GmbH Vimbucher Straße 2 76534 Baden-Baden Germany 13 0769 – CPD - 135014-1

ETA-13/0076
Punching reinforcement
Schöck Bole

fyk= 500 Mpa

 $\sigma Rsk = 70 MPa$

Declaration of performance Nr. LE001 2013 EN

1. Unique identification code of the product type:

Punching reinforcement Schöck Bole® according to ETA 13/0076

 Type, batch- or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

The identification of the building product is determined using type designation at the information flag at the first anchor in relation to the design documents.

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer::

Double headed studs as punching reinforcement in flat slabs or footings

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Schöck Bauteile GmbH, Vimbucher Straße 2, 76534 Baden-Baden

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1+

6. The notified body Versuchsanstalt für Stahl Holz und Stein, Universität Karlsruhe (TH), D-76128 Karlsruhe has carried out the initial inspection of the manufacturing plant, random product tests and continuous assessment of factory production control according to system 1+ and the European Technical Approval ETA 13/0076 and created the declaration of conformity 0769 – CPD - 135014-1.

Declared performance:

| Essential characteristics | Performance | Harmonised technical specification |
|-------------------------------------|--|------------------------------------|
| Stud diameter d _A | 10, 12, 14, 16, 20, 25 mm | |
| Diameter of the head d _K | 3·d _A | |
| Steel of the stud | B500B, f_{yk} = 500 MPa, f_{uk} = 550 MPa, | ETA 13/0076 |
| Fatigue strength | $\sigma_{Rs,k} = 70 \text{ MPa}$ | |
| Reaction to fire | class A1 | |
| Resistance to fire | These performances are declared in the | |
| Punching resistance | design documents according to ETA 13/0076 | |
| Distance between the studs | for the specific project | |
| Length of the stud | | |

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Hubert Fritschi, head of development department

(Name und function)

Baden-Baden, 24.06.2013

(Place and Date)

(Signature)