

## DECLARATION OF PERFORMANCE

Nr. 01/2017

1. Unique identification code of the product-type: MDSN Metal dowel fastening nail
2. Type-, batch- or serial number or any other elements allowing identification of the construction product as required pursuant to Article 11 (4) ETA-16/0673, attachment A-C.
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by manufacturer:

### Specifications of intended use

#### **Anchorage subject to:**

- Static and quasi-static loads
- Multiple fixing of non-structural applications (The definition of multiple use is given in ETAG 001, Part 6)
- Fire exposure

#### **Base materials:**

- Reinforced or unreinforced normal weight concrete according to EN 206-1:2000
- Strength classes C20/25 to C50/60 according to EN 206-1:2000
- Cracked and non-cracked concrete

#### **Use conditions (Environmental conditions):**

- Structures subject to dry internal conditions
- Structures subject to external atmospheric exposure (including industrial and marine environment) and to permanently damp internal condition, if no particular aggressive conditions exist

#### **Installation:**

- Anchor installation carried out by appropriately qualified personnel and under the supervision of the person responsible for technical matters of the site.
- Hole drilling by hammer drilling only.
- In case of aborted hole: new drilling at a minimum distance away of twice the depth of the aborted hole or smaller distance if the aborted drill hole is filled with high strength mortar and if under shear or oblique tension load it is not in the direction of load application.
- The anchor may only be set once.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5) Schnabl Stecktechnik GmbH, Bahnhofplatz 1, 3100 St. Pölten;

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 2+

6. In case of the declaration of performance concerning a construction of performance of the construction product as set out: -----

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: DIBt Deutsches Institut für Bautechnik, Kolonnenstraße 30B, 10829 Berlin

Issued: European technical assessment ETA-16/0673, on base of Guideline of European technical approval of "Metal anchors for use in concrete", ETAG 001, Part 6, EAD according to Article 66 (3) of Regulation (EU) No 305/2011

Performed: under System 2+; Certificate of constancy of performance is deposited at DIBt.

## 8. Declared Performance

Essential characteristics Safety in use and in case of fire	Methods	Performance	Harmonised technical Specification
Reaction to fire	ETAG 1, Annex C, Method C	Anchorage satisfy requirements for Class A1	ETAG 001, Part 6
Resistance to fire	ETAG 1, Annex C, Method C	Annex C1 der ETA- 16/0673	ETAG 001, Part 6
Characteristic resistance for tension and shear loads by use	ETAG 1, Annex C, Method C	Annex C1 der ETA- 16/0673	ETAG 001, Part 6
Edge distances and spaces	ETAG 1, Annex C, Method C	Annex B2 der ETA- 16/0673	ETAG 001, Part 6
Mechanical resistance and stability	ETAG 1, Annex C, Method C	The essential characteristics are included under the Basic Works Requirement Safety in use	ETAG 001, Part 6

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirement with the product complies: -----

9. The performance of the product identified in points 1 and 2 is in conform with declared performance point 8.

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:



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Wolfgang Bruckbauer, Managing Partner  
St. Pölten, 03.04.2017.