



Zentrum für Konstruktionswerkstoffe  
Staatliche Materialprüfungsanstalt Darmstadt  
Fachgebiet und Institut für Werkstoffkunde  
Prof. Dr.-Ing. Matthias Oechsner



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT

## National Test Certificate

**P – S 18 0447 E**

Client: EJOT Baubefestigungen GmbH  
In der Stockwiese 35  
57334 Bad Laasphe

Subject of order: Self-drilling screw:  
EJOT JT4-LT-XT-3H/6-5,5x25 KD 16  
EJOT<sup>®</sup>LT-System:  
EJOT centering Ø 11/4 F -XT  
EJOT centering Ø 11/4 S -XT

Area of application: Threaded fastener-type connections for regulated cladding to be used on external walls in accordance with DIN 18516-1, Construction Products Lists A, Part 2, Serial no. 2.17 (Edition 2015/2, status 22. December 2016).

Date of issue: 01. November 2018

Validity: 01. November 2023

Number of pages: This National Test Certificate spans 6 pages (including appendix).

Provisions clause: German is the official language of this report and is the legally binding language to the exclusion of all others in case of questions or contradictions.

On the basis of this National Test Certificate, the aforementioned item may be used in the aforementioned area of application in accordance with the building codes of the federal states.

Staatliche Materialprüfungsanstalt Darmstadt  
(State Materials Testing Institute)  
Component Strength  
Grafenstraße 2, 64283 Darmstadt, Germany

Darmstadt, 11. February 2019

Head of notified body acc. to HBO (LBO)

  
Dipl.-Ing. (FH) Fabrizio Persichella



Technical responsibility

  
Dipl.-Ing. Helge Labudda

Anerkennungen:  
PÜZ-Stelle nach LBO: HES02  
Notified Body 1343

Die in diesem Prüfzeugnis mitgeteilten Ergebnisse und Ausführungen beziehen sich ausschließlich auf den angegebenen Gegenstand. Die auszugsweise Wiedergabe dieses Berichtes oder seine Verwendung für Werbezwecke bedarf der schriftlichen Genehmigung durch die Staatliche Materialprüfungsanstalt Darmstadt.

## A General legal provisions

- (1) The National Test Certificate does not replace required statutory authorisations, agreements or certificates necessary for the execution of construction projects.
- (2) The National Test Certificate is issued without prejudice to the rights of third parties, in particular to private property rights such as patents.
- (3) Manufacturers and distributors of the construction product, notwithstanding more extensive regulations in the “Special Provisions”, are obliged to provide the user of the construction product with copies of the National Test Certificate and to point out that the National Test Certificate must be on hand at the site where the product is being used. Copies of the National Test Certificate must be made available on demand to the relevant authorities.
- (4) The National Test Certificate may be reproduced only in its entirety. Publication of excerpts requires the consent of the *Staatliche Materialprüfungsanstalt Darmstadt* (State Materials Testing Institute Darmstadt). Texts and drawings of advertising material are not permitted to contradict the National Test Certificate. Translations of the National Test Certificate must include the notice “Translation of the German original version has not been verified by the *Staatliche Materialprüfungsanstalt Darmstadt* (State Materials Testing Institute Darmstadt).”
- (5) The National Test Certificate may be revoked after issue. The applicable provisions may be supplemented and amended retroactively, in particular when new information or insights require this.

## B Special legal provisions

### 1 Subject and area of application

#### 1.1 Subject

The subject of the National Test Certificate is the self-drilling screw EJOT JT4-LT-XT-3H/6-5,5x25 KD 16 manufactured and sold by the company EJOT Baubefestigungen GmbH to be used in conjunction with the EJOT®LT-System.

#### 1.2 Scope and intent of use

The above-mentioned item is designated for use in exclusively transverse-loaded connections of aluminium composite panels (panel thickness 4 mm) made using profiles of aluminium with a minimum thickness of 2 mm for rear-ventilated external wall cladding in accordance with DIN 18516-1:2010-06, Construction Products List A, Part 2, Serial no. 2.17 (edition from 2015/2, status 22 December 2016).

### 2 Specifications to be met for the construction product

#### 2.1 Properties and constituents

Dimensions, materials and data on corrosion protection are contained in Appendix 1 and in Test Report S 18 0447.1 of the *Staatliche Materialprüfungsanstalt Darmstadt* (State Materials Testing Institute Darmstadt).

#### 2.2 Legal provisions for design value and dimensioning

##### 2.2.1 Foreword

The component on which the head of the fastener abuts is referred to as Component I (aluminium composite panel); the component nearest the threaded side is referred to as Component II.

