



TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Technical and Test Institute for Construction Prague

Akreditovaná zkušební laboratoř, Autorizovaná osoba, Certifikační orgán, Notifikovaná osoba, Inspekční orgán
Accredited Testing Laboratory, Authorized Body, Certification Body, Notified Body, Inspection Body
Prosecká 811/76a, 190 00 Praha 9 - Prosek, Czech Republic

Branch Office 0900 – Technical Services

TECHNICAL SPECIFICATION

No. 090-018992

Products:

Metal framing components for gypsum plasterboard systems

manufacturer:

TAMADEx spol. s r.o.

INo: 26001853

address: Zbečnick 19, 549 31 HRONOV, CZ

order: Z090080076

the Issued Body certificate by this document dates about technical characteristics declared by the manufacturer.

The Product Report No. 090-018991 of 5.2.2008 containing test results and description of the product necessary for its identification is to be considered as an integral part of this document.

- this product fulfils the requirements derived from related essential requirements and detailed in the standards:

ČSN EN 14195 Metal framing components for gypsum plasterboard systems

- This technical specification is valid as long as the requirements given in the designated standards and technical regulations referred to hereinabove or the manufacturing conditions in the factory or the factory production control itself are not modified significantly.

Technical specification is not compulsory document issued at manufacturers request.


Number pages: 3 Annex pages: 7

The person taking overall responsibility for this technical specification:

The stamp of the TZUS

Praha, 5 February 2008




Ing. Zdeněk Antoš
Main Assesor

1. Product description and definition of its' use in construction

Metal framing components for plasterboard systems and panel ceiling contain many products used to fix plasterboards and various accessory products and ceiling parts. They are combined from pressed piece of galvanized plates or completed with other fixing parts (spring, wire with eyelet, wire with hook etc.)

The principles of assembly instructions are mentioned in Instructions for use, where there are also sortiment dimensions and overview of the framing parts including the method of packaging.

2. Securing of the manufacturer's quality system

Manufacturer TAMADEx spol. s r.o. was tested and found to comply with the requirements of ČSN EN ISO 9001 : 2001, Certificate CQS 2115/2005

System of quality control

1. Organizational structure The manufacturer has a definite organizational structure
2. Responsibility for production The manufacturer is responsible to examine customer requests, for raw material purchase and materials which influence the quality of the final product, for quality control, for testing, for measuring and testing facilities
3. Responsibility for entire quality control A member of the management is responsible for the entire quality control of products and for regular testing of the quality system including responsibility for preventive and improving arrangements
4. Technological production process The manufacturer has elaborated a technological production process in adequate detail. Actual technological or production regulations are at the disposal at relevant work places.
5. Technical specifications The manufacturer has set definite technical specifications for the products, a detailed description of technical quality and defined a method of use in construction
6. Conduct of records The manufacturer conducts records about the quality of incoming materials, materials and products, about the production, about the production and control tests, about gauge calibrating and records about quality products complaints. Records are used for the production of process control. Records are identifiable and legible and stored to be easily found and can not be damaged or lost
7. Production and handling facilities The manufacturer disposes with the needed production and handling facilities and ensures its' correct state
8. Control and testing The manufacturer has elaborated a plan of checking and testing all activity (entry, between operation, exit). The checking and testing activity is pursued in correspondence with a set plan. Actual checking and testing methods are at the disposal at relevant places. The manufacturer conducts and stores records which prove that the product was tested .
9. Gauges used for production, control and testing proces The manufacturer has for production process, control and testing set gauges, conducts their evidence and makes sure about its correct state. The gauges are at the disposal at relevant places. The manufacturer has a process for verifying and gauges calibrating, has set intervals for calibration and gauges are verified or calibrated. The manufacturer conducts and stores records about gauges verifying and calibration.
10. Product packaging and marking The manufacturer has a secured process for product packaging and marking in the extent needed for correspondence with specific requests
11. Storage space The manufacturer disposes with necessary storage space for incoming material and products and for storage and expedition of finished products

12. Instructions for product use The manufacturer has elaborated directions for use and maintenance of products in the czech language
Revision doors for plasterboards systems
Construction for gripping of sanitary systems
The manufacturer owns the product description and defined use in construction for metal parts for plasterboard systems. Detailed directions for use are described in the plasterboard systems manual Rigips, Knauf, Lafarge.
13. Securing of basic preventive arrangements The manufacturer secures basic preventive arrangements (for example, workers training for the post influencing product quality, use of quality records and customers complaints

3.Re levant documents presented by the manufacturer

- catalogue of fixing parts TAMADEx spol. s r.o.
- drawings of construction parts
- certificate ČSN EN ISO 9001:2001, č. CQS 2115/2005
- quality manual
- technological process of the production of constructions parts
- specific certificate for galvanized roll 0,8x160 mm, num. 1501/54 from 15.1.2008, issued CSC Precision Tubes a.s.

4.O verview of technical regulations used, technical standards and other documents

- ČSN EN 14195 Metal construction parts for plasterboard systems
- ČSN EN 13964 Suspension lower ceiling
- ČSN EN 10204 Metal products – Types of quality documents
- ČSN EN 520 Plaster boards – Definition, requests and testing methods
- ČSN EN 10002-1 Metal tests by pulling in around temperature
- ČSN EN 9227 Corrosive resistance
- ČSN EN 101143 Steel metal and strips continually metal coated

5.Ve rification tests

Tests of products made TZÚS Prague s.p., office TIS, testing laboratory num.10118.8, procedure num. 090-018992 from 4th February 2008

6. Requests for consistency review

Products are related to government regulation num. 190/2002 Sb., which sets the requirements for building products on the market with the CE mark. According to § 1, section 2, letter a) the requirements for these products are set by harmonized Czech standard ČSN EN 14195 by § 5, the manufacturer makes consistency reviews of quality according to the letter a) – makes or secures a test for the product type and operates the quality system of production and issues ES statement of consistency about it

7. Enclosures:

Catalogues of metal parts for plasterboard systems and suspension ceiling of company TAMADEx spol. s r.o., Hronov – Zbečnick 19