

No. 0005/2020

Vissued in accordance with the Annex III of the Regulation (EU) No. 305/2011 and the Decree of the Ministry of Transport, Construction and Regional Development of the Slovak Republic No. 162/2013 Coll. and the Act No. 133/2013 Coll.

1.

Generic term and business name of the product:

Self-supporting trapezoidal steel profiles with accessories

version TR-KJG 18A, TR-KJG 18+A, TR-KJG 35A, TR-KJG 35+A (roof type)

version TR-KJG 18A, TR-KJG 18+A, TR-KJG 35A, TR-KJG 35+A (wall type)

2.

Type, batch number or serial number or any other element allowing identification of the construction product:

type and number - see the identification on the product

3.

Prescribed Slovak standard relating to the product (identification, year of issue and title):

STN EN 14782:2006

4.

SK technical assessment if issued for the product (identification and name), and name of the authorized person that was published by:

Not applicable

5.

Intended uses of the construction product in accordance with the applicable technical standard or SK technical assessment:

The trapezoidal steel profiles are manufactured by cold forming. It is used a both-side hot-dip zinc coated metal sheet of thickness from 0.50mm to 0,80mm, steel S250GD+Z275, S280GD+Z275 and S320GD+Z275, or: both-side hot-dip zinc coated metal sheet of thickness from 0.50mm to 0,80mm, steel S250GD+Z200, S280GD+Z200 and S320GD+Z200 with organic polyester coating SP25 of thickness of 25µm or matt polyester SPm35 of thickness 35µm on face side, varnish of 7µm thickness on reverse side, in the lengths from 0.5m to 12m. The trapezoidal steel profiles are designed to make up lightweight roof decks with min. inclination of 10° with cross joint overhang o 200 mm as well as for lightweight wall decks of buildings. The accessories include ridge tiles, ridge tiles heads, strips and flashings made of the identical material than the trapezoidal profiles. In the case that the product is used in a manner different from the intended one, the method and conditions of the use must be consulted with the designer and the structural engineer. When connecting profiles with different surface treatments, it is required to consider the possible impact corrosion.

6.

Business name, address of the establishment, manufacturer's ID No. and the location of manufacture:

KJG a.s., Malinovského 800/131, SK-916 21 ČAČHTICE, Company ID No.: 31439951, Malinovského 800/131, 916 21 Čachtice

7.

Name and address of the authorized representative if appointed:

Not applicable

8.

Applied system(s) of assessing the parameters according to the parameters of the Decree of the Ministry of Transport, Construction and Regional Development of the Slovak Republic No. 162/2013 Coll.:

System III

9.

Identification of SK certificate(s) and the date(s) of issue, if issued any, and name of the authorized person that was published by:

Not applicable

10. DECLARED PERFORMANCE

CHARACTERISTICS	DECLARED VALUE OR CLASS ACCORDING TO	TEST PROTOCOL NO. AND THE REFERENCE TO THE LABORATORY
Resistance to concentrated load	STN EN 14782:2006, annex I concentrated load with force $F = 1200N$ without total collapse	No. 70-11-0029 1) No. 70-11-0048 1) No. 70-11-0057 1) No. 70-11-0030 1) No. 70-11-0049 1)
Limit deviations of dimensions	STN EN 14782:2006 table thickness t_{cor} STN EN 508-1:2009 height, vinyl profile distance, upper tie band width, lower tie band width, component width	No. 70-11-0044 1) No. 70-11-0044 1)
Shape tolerances	STN EN 508-1:2002 straightness deviation side lap deviation	No. 70-11-0044 1)
Tensile test	ISO 6892-1:2009 B ASTM E8, JIS Z 2241	No. 284 2) No. 285 2) No. 408 2) No. 409 2)
External fire behaviour	F ROOF.	–
Determination of PCS	STN EN ISO 1716	Dossier H021344-Document Cemate/14 3)
Reaction to fire	STN EN 13501, A1	–

For TR-KJG 18 A, TR-KJG 18+A the max. permitted support span is $L_1 = 1000$ mm according to STN EN 14782:2006.
For TR-KJG 35 A, TR-KJG 35+A the max. permitted support span is $L_1 = 1500$ mm according to STN EN 14782:2006

- 1) **Technický a skúšobný ústav stavebný, n.o., (Building Testing and Research Institute)**
Testing workplace Krmanova 5, 040 00 Košice
- 2) **U.S.Steel Košice-Labortest, s.r.o.,** Accredited Testing Laboratory of Cold Roll Mill 044 54 Košice
- 3) **Laboratoire National de Métrologie et d'Essais,** 75724 Paris Cedex15, Laboratoire de Trappes, 78197 Trappes Cedex

11.

This SK Declaration of Performance is issued under the sole responsibility
of the manufacturer referred in the clause 6 above.

Čachtice: Jan 2, 2020



Eduard Kollár
the Chairman of the Board of Directors