

# DECLARATION OF PERFORMANCE

## SELF-SUPPORTING TRAPEZOIDAL STEEL PROFILES

**No. 0005/2025**

Issued 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. | <b>Generic term and business name of the product:</b>                                                                                                                                       | Self-supporting trapezoidal steel profiles with accessories<br><b>version:</b> TR-KJG 18A, TR-KJG 18+A, TR-KJG 35A, TR-KJG 35+A (roof type)<br><b>version:</b> TR-KJG 18B, TR-KJG 18+B, TR-KJG 35B, TR-KJG 35+B (wall type)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2. | <b>Type, batch number or serial number or any other element allowing identification of the construction product:</b>                                                                        | The type and number – see the packaging – the product package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3. | <b>Prescribed Slovak standard relating to the product (identification, year of issue and title):</b>                                                                                        | STN EN 14782:2006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4. | <b>SK technical assessment if issued for the product (identification and name), and name of the authorized person that was published by:</b>                                                | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5. | <b>Intended use(s) of the construction product in accordance with the applicable technical standard or SK technical assessment:</b>                                                         | The trapezoidal steel profiles are manufactured by cold forming. It is used a both-side hot-dip zinc coated metal sheet of thickness from 0,50 mm to 0,80 mm, steel S250GD+Z275, S280GD+Z275 and S320GD+Z275, or: both-side hot-dip zinc coated metal sheet of thickness from 0,50 mm to 0,80 mm, steel S250GD+Z200, S280GD+Z200 and S320GD+Z200 with organic polyester coating SP25 of thickness of 25µm or matt polyester SPm35 of thickness 35 µm on face side, varnish of 7µm thickness on reverse side, in the lengths from 0,5 m to 12 m. 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. | <b>Business name, address of the establishment, Company ID and the location of manufacture:</b>                                                                                             | KJG a.s., Malinovského 800/131, SK-916 21 ČAČHTICE,<br>Company ID 31439951, ul. Malinovského 800/131, Čachtice 916 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7. | <b>Name and address of the authorized representative if appointed:</b>                                                                                                                      | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 8. | <b>Applied system(s) of assessing the parameters according to the Decree of the Ministry of Transport, Construction and Regional Development of the Slovak Republic No. 162/2013 Coll.:</b> | System III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 9. | <b>Identification of SK certificate(s) and the date(s) of issue, if issued any, and name of the authorized person that was published by:</b>                                                | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

# DECLARATION OF PERFORMANCE

## SELF-SUPPORTING TRAPEZOIDAL STEEL PROFILES

### DECLARED PERFORMANCE

| CHARACTERISTICS                 | DECLARED VALUE OR CLASS ACCORDING TO                                                                                                                                             | TEST PROTOCOL NO. AND THE REFERENCE TO THE LABORATORY                                                 |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Resistance to concentrated load | <b>STN EN 14782:2006, annex B</b><br>concentrated load with force $F = 1200N$<br>without total collapse                                                                          | No. 70-11-0029 1)<br>No. 70-11-0048 1)<br>No. 70-11-0057 1)<br>No. 70-11-0030 1)<br>No. 70-11-0049 1) |
| Limit deviations of dimensions  | <b>STN EN 14782:2006</b> table thickness $t_{cor}$<br><b>STN EN 508-1:2009</b> height, vinyl profile<br>distance, upper tie band width, lower tie band<br>width, component width | No. 70-11-0044 1)<br>No. 70-10-0044 1)                                                                |
| Shape tolerances                | <b>STN EN 10169-1:2007</b><br><b>STN EN 10346:2010</b><br>manufacturer's technical specification                                                                                 | No. 70-11-0044 1)                                                                                     |
| Tensile test                    | <b>ISO 6892-1:2009 B</b><br><b>ASTM E8, JIS Z 2241</b>                                                                                                                           | No. 284 2)<br>No. 285 2)<br>No. 408 2)<br>No. 409 2)                                                  |
| External fire behaviour         | F ROOF                                                                                                                                                                           | –                                                                                                     |
| Determination of PCS            | STN EN ISO 1716                                                                                                                                                                  | Dossier H021344-Documents 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**

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

Čachtice: 2.1.2024

**KJG a.s.**

Malinovského 800/131  
916 21 Čachtice

**Eduard Kollár**

the Chairman of the Board of Directors