

# DECLARATION OF PERFORMANCE

**No. 3300/2019**

1. Unique identification code of the product-type:  
**Multi-axis concealed hinge TKZ ESPRIT for use on side hung door with door frame, with fire resistance and burglar resistance**
2. Intended use:  
**The hinges are intended for use in fire/smoke and safety door assemblies intended for transitional building openings in external walls and in interior spaces of residential and non-residential buildings. Hinges can also be used for escape routes**
3. Manufacturer:  
**TKZ Polná, spol. s r. o., 588 13 Polná, Zahradní 572, Czech Republic**
4. System of assessment and verification of constancy of performance:  
**1**
5. Harmonized standard:  
**ETA 18/0877 and EAD 020001-01-0405**  
  
Product certification body:  
**Technical and Test Institute for Construction Prague, SOE, Notified Body 1020, Prosecká 811/76a, 190 00 Praha 9 – Prosek, Czech Republic**
6. Declared performances:

Essential characteristics	Performance
Reaction to fire	<b>class A1</b>
Fire resistance	<b>class 1</b>
Permanent function lifetime	<b>200 000 cycles</b>
Friction torque	<b>≤ 3Nm</b>
Load Deformation	<b>120 kg, class 10</b>
Overload	<b>180 kg, class 10</b>
Safety	<b>class 1</b>
Corrosion resistance	<b>class 3</b>
Safety – burglary resistance	<b>class 1</b>
Hinge class	<b>class 10</b>
Dangerous substances	<b>Free of dangerous substances</b>

The performance of the product is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer in accordance to regulation Nr. 305/2011 (EC).

Signed for and on behalf of the manufacturer by:

**Jan Zvoník, Chief Executive Officer**

**Polná, 27.08.2019**

(podpis)

