

DECLARATION OF PERFORMANCE

According to Annex III of the (EU) Regulation No 305/2011

No. 2021 – IEE5 – 1

1. Unique identification code of the product-type:

PFEIFER Slope Stabilization System

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4):

*PFEIFER Slope Stabilization System
ETA 21/0426 – Version 01*

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Stabilization of steep slopes of unconsolidated soil and rocky material and for prevention of stones and blocks in disintegrated, loose or weathered rock faces from breaking out; securing of rock slopes, spurs, overhangs or individual section of loose rock; protection system for safety application like not sudden impact of objects.

4. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11 (5):

*Pfeifer Seil- und Hebeteknik GmbH
Dr.-Karl-Lenz-Str. 66
87700 Memmingen
Germany*

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2):

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6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1

7. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Technický a skúšobný ústav stavebný (TSUS)

Issued ETA 21 / 0426

on basis of EAD 230025-00-0106

Performed:

- determination of the product type on the basis of type testing
- initial inspection of the manufacturing plant and of factory production control
- continuous surveillance, assessment and evaluation of factory production control

And issued EC – Certificate of Conformity: 1301 – CPR – 1892

8. Declared performance with respect to EAD 230025-00-0106:

Mesh characteristics	Performance
Number of meshes transversal/longitudinal	14 / 6 pcs/m
Mesh raster transversal/longitudinal	65 ^{-0/+5} / 120 ^{-0/+10} mm
Mesh height / clearance	6 / 0 mm
Angle of mesh	70 ^{±2} deg
Roll length/width	25-50 ^{-0/+1} m / 2.0, 2.5, 3.0 ^{±0.07} m
Mesh opening	59 ^{-3/+5} mm
Plate characteristics	
Dimensions	
Characteristic bending resistance	0.85 kNm
Bearing resistance of the system	
Tensile strength / elongation	190 kN/m / 4.8%
Slope parallel resistance (quadratic anchor plate / Pfeifer Turtle plate)	42 / 64 kN
Punching resistance (quadratic anchor plate / Pfeifer Turtle plate)	230 / 190 kN
Shearing-off resistance (quadratic anchor plate / Pfeifer Turtle plate)	115 / 95 kN
Connection member resistance (8 / >8 lateral clips per meter)	66 / 70 kN/m
Durability	
Mesh / clips: ZnAl, class A	NSS > 2500h
Anchor plates	acc. to EN ISO 1461

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Memmingen, August 20th, 2021



Miroslaw Mrozik
Head of Business Unit Pfeifer Protective Structures