

DECLARATION OF PERFORMANCE (DoP)
according to Construction Products Regulation (CPR) No 305/2011

DoPNr. 22/0229(2210) – en

1. Unique identification code of the product-type: **ResiTHERM® 16 and ResiTHERM® 12**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

ETA-22/0229 [from 21.10.2022], annex A4
Batch number: see packaging of the product.

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

Generic type	Distance mounting system
For use in	<p>The system is used for distance installations in the following ETICS insulated base materials:</p> <ul style="list-style-type: none"> • Normal weight cracked or non-cracked concrete (base material group a) • Solid masonry bricks (base material group b) • Perforated or hollow bricks (base material group c) • autoclaved aerated concrete (base material group d) <p>The ResiTHERM® 16 and ResiTHERM® 12 is to be used together with the following injection mortars CELO ResiFIX:</p> <p>Base material group a – uncracked concrete:</p> <ul style="list-style-type: none"> • ETA-12/0107 (ResiFIX EYSF) • ETA-17/0721 (ResiFIX PYSF) • ETA-12/0112 (ResiFIX EY) • ETA-17/0805 (ResiFIX PY) <p>Base material group a – cracked and uncracked concrete</p> <ul style="list-style-type: none"> • ETA-10/0134 (ResiFIX VY) • ETA-20/0066 (ResiFIX VY Eco) <p>Base material group b, c and d – masonry and autoclaved aerated concrete:</p> <ul style="list-style-type: none"> • ETA-15/0320 (ResiFIX VYSF) • ETA-20-0065 (ResiFIX VY Eco) • ETA-14/0101 (ResiFIX EYSF) • ETA-17/0720 (ResiFIX PYSF)
Option / Category	a, b, c, d
Loading	Static or quasi-static
Material	<p>Anchor rod M16 and M12:</p> <ul style="list-style-type: none"> -> Steel, zinc plated, steel strength 8.8 (if sealing of the drill hole towards the ETICS plaster can be proven) or: -> Stainless steel A4 according to EN 10088-3:2014, material 1.4401 or 1.4571, strength class 70 <p>ResiTHERM® 16 and ResiTHERM® 12 – thermal separation module:</p> <ul style="list-style-type: none"> -> Polyamide PA 6 with glass fiber <p>Threaded pin M12, screw M12 or threaded reduction pin M12/M10:</p> <ul style="list-style-type: none"> -> Stainless steel A4 according to EN 10088-3:2014, material 1.4401 or 1.4571 <p>The ResiTHERM® 16 and ResiTHERM® 12 is to be used together with the above mentioned injection mortars CELO ResiFIX.</p>
Temperature range if applicable	T1: -40°C to +40°C (max. long-term temp. +24°C, max. short-term temp. +40°C) T2: -40°C to +80°C (max. long-term temp. +50°C, max. short-term temp. +80°C)

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

CELO Befestigungssysteme GmbH
Industriestrasse 6
86551 Aichach, Germany

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

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **system 2+**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: --

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

ETA Danmark A/S

issued:

ETA-22/0229 [from 21.10.2022],

on the basis of

EAD 331985-01-0604 – Distance mounting system

The notified body **0672** performed under **system 2+**:

- **Initial inspection of the factory and factory production control,**

- **continuous monitoring, assessment and approval of factory production control.**

9. Declared performance:

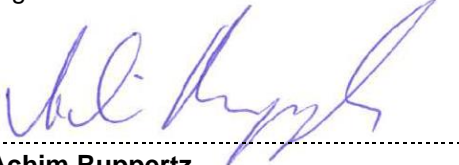
Essential Characteristics		Design Method	Performance	Harmonized Technical Specification
ResiTHERM® 16 and ResiTHERM® 12 – thermal separation module	Resistance to failure under tension loading	TR077:2021	ETA-22/0229 (from 21.10.2022), annex C1, C3	EAD 331985-01-0604 – Distance mounting system
	Resistance to failure under pressure loading	TR077:2021	ETA-22/0229 (from 21.10.2022), annex C3	
	Resistance to failure under shear loading	TR077:2021	ETA-22/0229 (from 21.10.2022), annex C1, C4	
	Resistance to failure under pressure load and displacement	TR077:2021	ETA-22/0229 (from 21.10.2022), annex C2	
	Characteristic resistance under shear loads and displacements under short-term and long-term loading	TR077:2021	ETA-22/0229 (from 21.10.2022), annex C5 - C8	
	Displacements under tension and pressure loading	TR077:2021	ETA-22/0229 (from 21.10.2022), annex C9	
	Point thermal transmittance χ and equivalent thermal conductivity λ	EN ISO 6946	ETA-22/0229 (from 21.10.2022), annex C11	
	Maximum installation torque of the M12 threaded pin resp. the M12 screw		ETA-22/0229 (from 21.10.2022), annex B4	
	Safety in case of fire		No Performance assessed	
Resistance of the M16 anchor rod fixed in the base material		See ETA of the used injection mortar CELO ResiFIX		

Where pursuant to Article 37 or 38 in the Specific Technical Documentation has been used, the requirements with which the product complies: --

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Achim Ruppertz
Technical Manager



Aichach, 21.10.2022