

DECLARATION OF PERFORMANCE (DoP)

according to Construction Products Regulation (CPR) No 305/2011

DoPNr. 23/0911210000-001
(EN)

1. Unique identification code of the product-type: **dimos anchor UNI-RT 16 and dimos anchor UNI-RT 12**
2. Intended usage / uses:

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 dimos anchor UNI-RT 16 and dimos anchor UNI-RT 12 is to be used together with the following RECA injection mortars:</p> <p>Base material group a – uncracked concrete:</p> <ul style="list-style-type: none"> • ETA-16/0898 (VM-EA) <p>Base material group a – cracked and uncracked concrete</p> <ul style="list-style-type: none"> • ETA-11/0415 (VMU plus / VMU plus polar) <p>Base material group b, c and d – masonry and autoclaved aerated concrete:</p> <ul style="list-style-type: none"> • ETA-13/0909 (VMU plus / VMU plus polar) • ETA-17/0006 (VM-EA)
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>dimos anchor UNI-RT 16 and dimos anchor UNI-RT 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 dimos anchor UNI-RT 16 and dimos anchor UNI-RT 12 is to be used together with the above mentioned RECA injection mortars.</p>
Temperature range if applicable	<p>T1: -40°C to +40°C (max. long-term temp. +24°C, max. short-term temp. +40°C)</p> <p>T2: -40°C to +80°C (max. long-term temp. +50°C, max. short-term temp. +80°C)</p>



3. Manufacturer:

RECA NORM GmbH
Am Wasserturm 4
74635 Kupferzell, Germany

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

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

5. European Assessment Document:

EAD 331985-01-0604 – Distance mounting system

European Technical Assessment:

ETA-23/0482 from 2023-09-05,
Batch number: see product packaging

Technical assessment body:

ETA Danmark A/S

Notified Body(s):

NB 0672 – Materials Testing Institute University of Stuttgart
(MPA Stuttgart, Otto-Graf-Institute, (FMPA))

6. Declared performance:

Essential Characteristics		Design Method	Performance	Harmonized Technical Specification
dimos anchor UNI-RT 16 and dimos anchor UNI-RT 12 – thermal separation module	Resistance to failure under tension loading	TR077:2021	ETA-23/0482 (from 2023-09-05), annex C1, C3	EAD 331985-01-0604 – Distance mounting system
	Resistance to failure under pressure loading	TR077:2021	ETA-23/0482 (from 2023-09-05), annex C3	
	Resistance to failure under shear loading	TR077:2021	ETA-23/0482 (from 2023-09-05), annex C1, C4	
	Resistance to failure under pressure load and displacement	TR077:2021	ETA-23/0482 (from 2023-09-05), annex C2	
	Characteristic resistance under shear loads and displacements under short-term and long-term loading	TR077:2021	ETA-23/0482 (from 2023-09-05), annex C5 - C8	
	Displacements under tension and pressure loading	TR077:2021	ETA-23/0482 (from 2023-09-05), annex C9	
	Point thermal transmittance χ and equivalent thermal conductivity λ	EN ISO 6946	ETA-23/0482 (from 2023-09-05), annex C11	
	Maximum installation torque of the M12 threaded pin resp. the M12 screw		ETA-23/0482 (from 2023-09-05), 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 RECA injection mortar		

7. The performance of the product is in conformity with the declared performance(s). The manufacturer alone is responsible for the creation of the performance declaration in accordance with Regulation (EU) No. 305/2011

Signed on behalf of the manufacturer and in the name of the manufacturer by:




Florian Fuchs

Head of product management departement | Application Engineering | Quality

Kupferzell, 2023-09-05