

DECLARATION OF PERFORMANCE (DoP)
according to Construction Products Regulation (CPR) Nr. 305/2011

DoPNr. 07/0337(2011) – en

- Unique identification code of the product-type: **Multifunction frame plug MFR**
- Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
ETA-07/0337 [from 06.11.2020], annex A2, A3, A4 and A5
Batch number: see packaging of the product
- Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Generic type	Plastic anchor
For use in	Cracked and non-cracked concrete C12/15 – C50/60 (EN206) – “a” <i>for multiple fixing for non-structural applications</i> covered sizes: MFR 8, MFR 10 ($h_{nom} = 50\&70$ mm) und MFR 14
	Precast prestressed hollow core slabs concrete \geq C20/25, bottom flange thickness \geq 35mm – “a” <i>for multiple fixing for non-structural applications</i> covered sizes: MFR 8 and MFR 10 ($h_{nom} = 50\&70$ mm)
	Masonry solid masonry and hollow or perforated masonry – “b, c” <i>for multiple fixing for non-structural applications</i> covered sizes: MFR 8, MFR 10 ($h_{nom} = 50\&70$ mm) and MFR 14
	Non-cracked aerated concrete (AAC blocks) – “d” <i>for multiple fixing for non-structural applications</i> covered sizes: MFR 10 ($h_{nom} = 70$ mm) and MFR 14
Option / Category	a, b, c, d
Loading	Static and quasi-static
Material	Plug: <u>Polyamide PA6:</u> covered sizes: MFR 8, length: $t_{fix\ max.} = 110$ mm MFR 10 and MFR 14, length: $t_{fix\ max.} = 500$ mm Screw: <u>Zinc-plated steel:</u> dry internal conditions only covered sizes: $\varnothing 6: \leq 167$ mm, $\varnothing 7: \leq 575$ mm, $\varnothing 10: \leq 575$ mm <u>Stainless steel (marking A4):</u> Internal and external use without particular aggressive conditions covered sizes: $\varnothing 6: \leq 167$ mm, $\varnothing 7: \leq 575$ mm, $\varnothing 10: \leq 575$ mm
Temperature range <i>if applicable</i>	a): -40°C to +40°C (max. long term temp. +24°C, max. short term temp. +40°C) b): -40°C to +80°C (max. long term temp. +50°C, max. short term temp. +80°C)

- 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
D – 86551 Aichach

- Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): --
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **system 2+**
- 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:

Deutsches Institut für Bautechnik (DIBt), Berlin

issued:

ETA-07/0337 [from 06.11.2020]

on the basis of

ETAG 020 Edition 2012, used as EAD according to Article 66 Paragraph 3 of Regulation (EU) No 305/2011

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

- **initial inspection of factory and of factory production control,**
- **continuous surveillance, assessment and approval of factory production control.**

9. Declared performance:

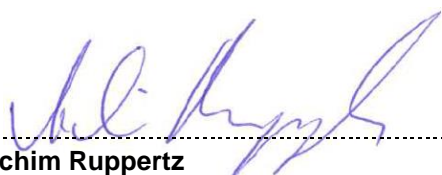
Essential Characteristics	Design Method	Performance	Harmonised technical specification
Resistance to steel failure under tension loading	ETAG 020, annex C	ETA-07/0337 [from 06.11.2020], annex C1	ETAG 020 Edition 2012
Resistance to steel or polymer failure under shear loading	ETAG 020, annex C	ETA-07/0337 [from 06.11.2020], annex C1	
Resistance to pull-out or concrete failure or polymer failure under tension loading (use category a)	ETAG 020, annex C	ETA-07/0337 [from 06.11.2020], annex C2	
Resistance in any load direction without lever arm (use category b, c and d)	ETAG 020, annex C	ETA-07/0337 [from 06.11.2020], annex C4-C6 and C9	
Edge distance and spacing (use category a)	ETAG 020, annex C	ETA-07/0337 [from 06.11.2020], annex B3	
Edge distance and spacing (use category b, c and d)	ETAG 020, annex C	ETA-07/0337 [from 06.11.2020], annex B4-B5	
Displacements under short-term and long-term loading	ETAG 020, annex C	ETA-07/0337 [from 06.11.2020], annex C7-C8	
Reaction to fire	DIN EN 13501	Class A 1	
Resistance to fire	ETAG 020, annex C	See annex C3	

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

Leiter Marketing und Technik

Aichach, 06.11.2020

