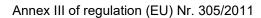


## **Declaration of Performance**





## **Fradiflex**®

No. G4A-Fradiflex-2024-V.06



1.	Unique identification code of the product type	Fradiflex <sup>®</sup> Premium Fradiflex <sup>®</sup> crack-inducing element	
2.	Intended use/es:	The metal water stop is used to seal joints in concrete structures with high water penetration resistance against bearing water from ground and pressing and non-pressing water:  Construction joints Controlled crack joints in-situ concrete Controlled crack joints in precast wall	
3.	Manufacturer:	MAX FRANK GmbH & Co. KG Mitterweg 1, 94339 Leiblfing, Germany	
4.	Authorised representative:	Not relevant (see 3.)	
5.	System/s of AVCP:	System 3	
6a.	Harmonised standard:	not applicable	
6b.	European Assessment Document:	Deutsches Institut für Bautechnik (DIBt) ETA-15/0914 from 07.03.2016 (on basis of EAD 320002-01-0605)	



7. Declared performance:

Essential characteristics performance

Reaction to fire according to EN 13501-1 Class E Use category related to BWR 3 S/W 2

Contains no dangerous substances > 0.1 wt-% according to EOTATR 034

Content and/or releases of dangerous substances (version October 2015)

One raw material is classified as Aquatic Chronic 3,

H412-content 2.3 wt-%

Watertightness in end use conditions 20 m

Bond-strength at state of delivery > 0,91 N/mm²
Bond-strength after heat aging pass (< 20%)

Additional essential characteristics by product type:

Product type	joint type	minimum embedment	watertightness <sup>1)</sup>
Fradiflex <sup>®</sup> Premium	construction joint	30mm	5 bar / 50 m <sup>1)</sup>
Fradiflex <sup>®</sup> expansion joint connector	expansion joint	30mm	5 bar / 50 m <sup>1)</sup>
Fradiflex <sup>®</sup> crack-inducing	in-situ concrete	30mm	5 bar / 50 m <sup>1)</sup>
element	element wall	30mm	5 bar / 50 m <sup>1)</sup>

<sup>1)</sup> safety factor 2,5 applicable

## 8. Appropriate Technical Documentation and/or Specific Technical Documentation:

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by

Dipl.-Ing. B.Sc. Moritz Michel

Head of Technology and Innovation

Leiblfing, 17.01.2024