

## Declaration of Performance

Annex III of regulation (EU) Nr. 305/2011



## Fradiflex® und Stremaflex®

<p><b>1. Product Type:</b> Unique identification code of the product type</p>	<p><b>Fradiflex® Standard</b> <b>Fradiflex® Premium</b> <b>Fradiflex® Crack control joint</b> <b>Stremaflex® Shuttering</b></p>
<p><b>2. Type:</b> Batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)</p>	<p><b>Batch number:</b> refer to product label</p>
<p><b>3. Intended use:</b> Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer</p>	<p>Used as a waterstop in construction joints for structures with high resistance to water penetration (integral waterproof concrete) to seal against bearing water from ground with or without hydrostatic head pressure.</p> <ul style="list-style-type: none"> <li>▪ All construction joints</li> <li>▪ Controlled crack joints with stop end shuttering for in-situ concrete</li> <li>▪ Controlled crack joints for pre-cast twin-wall elements</li> </ul>
<p><b>4. Name, registered trade name:</b> Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)</p>	<p><b>Fradiflex®</b> <b>Stremaflex®</b> Max Frank GmbH &amp; Co. KG, Mitterweg 1, 94339 Leiblfing, Germany</p>
<p><b>5. Contact address:</b> Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2)</p>	<p>not relevant - see no. 4</p>
<p><b>6. AVCP:</b> System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V</p>	<p>System 3</p>
<p><b>7. Notified body (hEN):</b> In case of the declaration of performance (DoP) concerning a construction product covered by a harmonized standard</p>	<p>not applicable</p>
<p><b>8. Notified body (ETA):</b> In case of the declaration of performance concerning a construction product for which an ETA has been issued</p>	<p>not applicable</p>

**9. Declared performance:**

Essential characteristics	performance
Reaction to fire according to EN 13501-1	Class E
Use category related to BWR 3	S/W 2
Content and/or releases of dangerous substances	Contains no dangerous substances > 0.1 wt-% according to EOTA TR 034 (version October 2015)
Watertightness in end use conditions	In the coating a raw material is labelled with Aquatic chronic 3, H412 content 2.3 wt-% 20 m
Bond-strength at state of delivery	> 0,91 N/mm <sup>2</sup>
Bond-strength after heat aging	pass (< 20%)
Volatile compounds	pass (< 3%)

Additional essential characteristics by product type:

Product type	joint type	minimum embedment	watertightness <sup>1</sup>
Fradiflex® Standard	construction joint	30 mm	5 bar / 50 m
Fradiflex® Premium	construction joint	30 mm	5 bar / 50 m
Fradiflex® controlled crack joint	in-situ controlled crack joint	30 mm	5 bar / 50 m
	twin wall controlled crack joint	30 mm	5 bar / 50 m
Stremaflex®	in-situ stop end shuttering with controlled crack joint	30 mm	5 bar / 50 m

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

**10. Declaration:**

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 (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by



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 Dipl.-Ing. B.Sc. Moritz Michel  
 Head of Technology and Innovation

Leiblfing, 05<sup>th</sup> November 2019