



## Declaration of performance

according Annex III of the Regulation (EU) No 305/2011

amended by Commissions delegated Regulation (EU) No 574/2014

<b>for the product</b>	<b>FM Hanse</b>
<b>No.</b>	<b>GBI-P 78-2</b>
<b>Unique identification code of the product-type</b>	1452
<b>Intended use/es</b>	Designed general purpose masonry mortar for internal and external use in elements subject to structural requirements
<b>Manufacturer</b>	Remmers GmbH Bernhard-Remmers-Str. 13 49624 Lönigen (DE)
<b>System/s of AVCP</b>	System 2+ (for internal and external uses, in walls, columns and partitions) System 4 (for reaction to fire regulations)
<b>Harmonised standard</b>	EN 998-2: 2016-11
<b>Notified body/ies</b>	GG-CERT e.V., Annastraße 67-71, 50968 Köln, Notified Body 0785

Certificate of conformity of the factory production control **0785-CPR-21-104-13**

**Declared performance/s:**

Essential characteristic	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Compressive strength:	M5	System 2+	EN 998-2: 2016-11
Bond strength:	≥ 0,08 N/mm <sup>2</sup> (Characteristic initial shear strength (adhesive shear strength) tested acc. to EN 1052-3 (method B) in conjunction with sand-lime brick acc. to EN 771 at a moisture content of 3-7 M-%)		
Contents of chlorides:	≤ 0,1 M-%		
Water absorption:	≤ 0.40 kg/(m <sup>2</sup> •min <sup>0,5</sup> )		
Water vapour permeability (μ):	15/35 (tab. value EN 1745)		
Thermal conductivity (λ <sub>10,dry,mat</sub> ) for P = 50 %	≤ 0.82 W/(m•K) (tab. value EN 1745)		
Thermal conductivity (λ <sub>10,dry,mat</sub> ) for P = 90 %	≤ 0.92 W/(m•K) (tab. value EN 1745)		
Durability (against freeze-thaw):	Resistant, by use acc. TDS		
Reaction to fire class:	A1 (System 4)		
Dangerous substances:	NPD		



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

**Remmers GmbH**  
R & D Building protection IV

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i.V. Dr. Magnus Greiwe  
(Department manager)

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i.A. Thomas Anneken  
(Laboratory staff)

**The declaration of performance was created electronically and is also valid without signature.**

Löningen, 2024-05-21