



Declaration of performance

according Annex III of the Regulation (EU) No 305/2011
amended by Commissions delegated Regulation (EU) No 574/2014

for the product	FM ZF Art. 1045 = FM ZF, Grain size 1.0 mm Art. 1046 = FM ZF, Grain size 2.0 mm
No.	GBI-P 40-5
Unique identification code of the product-type	1045
Intended use/es	Designed general purpose masonry mortar for internal and external use in elements subject to structural requirements
Manufacturer	Remmers GmbH Bernhard-Remmers-Str. 13 49624 Lönigen (DE)
System/s of AVCP	System 2+ (for internal and external uses, in walls, columns and partitions) System 4 (for reaction to fire regulations)
Harmonised standard	EN 998-2: 2016-11
Notified body/ies	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 class:	M1	System 2+	EN 998-2: 2016-11
Bond strength:	≥ 0.01 N/mm ²		
Contents of chlorides:	≤ 0,1 M.-%		
Water absorption:	≤ 0,70 kg/(m ² •min ^{0.5})		
Water vapour permeability (μ):	15/35 (tab. value EN 1745)		
Thermal conductivity (λ _{10,dry,mat}) for P = 50 %	≤ 0,82 W/(m•K) (tab. value EN 1745)		
Thermal conductivity (λ _{10,dry,mat}) for P = 90 %	≤ 0,89 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, 2024-06-17