

# DECLARATION OF PERFORMANCE

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

No. LE\_GI 168-004\_V01

Unique identification code of the product-type: GI 168-004

Intended use/es: Structural bonding product for bonded mortar or concrete

Manufacturer: Gremmler Bauchemie GmbH  
Lise-Meitner-Strasse 5  
46569 Hünxe

System/s of AVCP: System 4 (System 4 for uses with low performance requirements)  
System 3 (for uses subject to reaction to fire regulations)

Harmonised standard: EN 1504-4:2004

Notified body/ies: Reaction to fire: TFI Aachen GmbH, document: 481594-03

Declared performance:

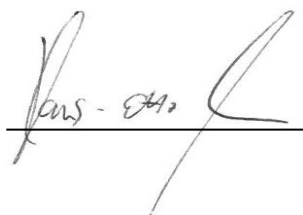
Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical specification
Bond/adhesion strength	Pass	System 4	EN 1504-4:2004
Shear strength	$\geq 6 \text{ N/mm}^2$		
Compressive strength	$\geq 30 \text{ N/mm}^2$		
Shrinkage/Expansion	$\leq 0,1 \%$		
Workability	$\geq 40$ Minuten		
Sensitivity to water	Pass		
Elastic modulus	$\geq 2000 \text{ N/mm}^2$		
Coefficient of thermal expansion	$\leq 100 * 10^{-6} \text{ je } ^\circ\text{K}$		
Glass transition temperature	$\geq 40 \text{ }^\circ\text{C}$		
Reaction to fire	Cfl - s2	System 3	
Durability	Pass	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:

Dr. Hans-Otto Munz  
Technical Manager

Hünxe, September, 24th 2019

A handwritten signature in black ink, appearing to read 'Hans-Otto', is written over a horizontal line. The signature is stylized and cursive.