



DECLARATION OF PERFORMANCE

No. 0010_Diamant_GKFI_18_2013-10-21

1. Unique identification code of the product-type: **EN 520 – DFH2IR – 18**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Knauf Diamant GKFI 18 mm**
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Gypsum plasterboards in general building construction
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): **Knauf Gips KG, Am Bahnhof 7, D-97346 Iphofen, Germany
Tel. +499323 31-0, Fax: +499323 31-277, E-Mail: Zentrale@Knauf.de**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: **System 4**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: ... (name and identification number of the notified body, if relevant) performed ... under system ... (description of the third party tasks as set out in Annex V) and issued ... (certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports – as relevant). **Not relevant – Determination of the product-type on the basis of type-testing and factory production control by manufacturer.**

9. Declared performance


Essential characteristics	Performance	Harmonised technical specification
Reaction to fire - R2F	A2-s1,d0 (B)	EN 520:2004+A1:2009-08
Shear strength per fastener - $\uparrow\downarrow$	NPD	EN 520:2004+A1:2009-08
Water vapour resistance factor - μ	10/4 (EN ISO 10456)	EN 520:2004+A1:2009-08
Thermal conductivity - λ	0,27 W/(m·K) (EN 12664)	EN 520:2004+A1:2009-08
Flexural strength - F	pass	EN 520:2004+A1:2009-08
Dangerous substances - DS	NPD	EN 520:2004+A1:2009-08
Airborne sound insulation* - R	see manufacturer's literature www.knauf.de	EN 520:2004+A1:2009-08
Impact Resistance* - $\rightarrow I$		
Acoustic absorption* - α		
* These characteristics are system dependent and will be provided in manufacturer's literature based upon intended use. Performance declared is for the system of which the product is a part.		

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies: **Not relevant**

10. 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 is issued under the sole responsibility of the manufacturer identified in point 4:

Signed for and on behalf of the manufacturer by:
ppa. Dr. Markus Biebl
(Head of Research & Development Knauf Group)

Iphofen, 2013-10-21



(signature)