



## DECLARATION OF PERFORMANCE

No. 0010\_Silentboard\_GKF\_12,5\_2013-01-10

1. Unique identification code of the product-type: **EN 520 - DF**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Knauf Silentboard GKF 12,5**
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:  
**Not relevant – Initial type test of product 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 - $\mu$	10/4 (EN ISO 10456)	EN 520:2004+A1:2009-08
Thermal conductivity - $\lambda$	0,25 W/(m·K) (EN ISO 10456)	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 <a href="http://www.knauf.de">www.knauf.de</a>	EN 520:2004+A1:2009-08
Impact Resistance* - $\rightarrow I$		
Acoustic absorption* - $\alpha$		

\* 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, 2013-01-10

  
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(signature)