



## DECLARATION OF PERFORMANCE

No 0010\_Brio\_18\_EPS\_2015-11-17

1. Unique identification code of the product-type: **a/b/h – Knauf Brio 18 EPS**
2. Intended use/es: **Gypsum board products from reprocessing in general building construction**
3. Manufacturer: **Knauf Gips KG, Am Bahnhof 7, D-97346 Iphofen, Germany  
Tel. +49-9323-31-0, Fax +49-9323-31-277, E-mail Zentrale@knauf.de**
4. Authorised representative: **Not relevant**
5. System/s of AVCP: **System 3 (for reaction to fire) and System 4 (for other uses)**
6. a) Harmonised standard: **EN 14190: 2014-09**  
Notified body/ies: **MPA Stuttgart (NB 0672) performed the testing of the reaction to fire. Determination of product type on the basis of type testing and factory production control by manufacturer.**
6. b) European Assessment Document: **Not relevant** / European Technical Assessment: **Not relevant**  
Technical Assessment Body: **Not relevant** / Notified body/ies: **Not relevant**
7. Declared performance/s:

Essential characteristics	Performance
Reaction to fire - R2F	E (C.4)
Water vapour resistance factor - $\mu$	40/74 (EN ISO 10456)
Flexural strength - F	Pass
Impact Resistance* - $\rightarrow I$	See manufacturer's literature
Direct airborne sound insulation* - R	
Acoustic absorption* - $\alpha$	
Thermal conductivity – $R_B$	0,57 (m <sup>2</sup> ·K)/W (EN ISO 6946)
Dangerous substances - DS	NPD
* 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.	

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **Not relevant**

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:  
ppa. Dr. Markus Biebl  
(Head of Research & Development Knauf Group)

At Iphofen, on 2015-11-17