



DECLARATION OF PERFORMANCE

No 0010_Knauf_Brio_18_EPS_2017-09-01

1. Unique identification code of the product-type: **h – Knauf Brio 18 EPS**
2. Intended use/es: **Gypsum plasterboard products from reprocessing in general building**
3. Manufacturer: **Knauf Gips KG | Am Bahnhof 7 | D-97346 Iphofen**
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**
System 4 for other characteristics
6. a) Harmonised standard: **EN 14190:2014**
Notified body/ies: **MPA Stuttgart (NB 0672) for reaction to fire**
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
Flexural strength	F	pass
Stability of ceiling elements	↓	NPD
Shear strength per fastener	↓↑	NPD
Reaction to fire	R2F	E (C.4)
Water vapour resistance factor	μ	42/18 (EN ISO 10456)
Thermal conductivity	λ	0,07 W/mK (EN ISO 6946 EN ISO 10456)
Dangerous substances	DS	NPD
Impact resistance *	→I	see manufacturer's literature www.knauf.de
Airborne Sound Insulation *	R	see manufacturer's literature www.knauf.de
Acoustic absorption *	α	see manufacturer's literature www.knauf.de

** 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:

Iphofen, 2017-09-01

i. V. Dr. Wolfgang Rümmler
(Head of Research & Development D/CH | Knauf Gips KG)

i. V. Dipl. Ing. (FH) | MBA & Eng. Michael Viebahn
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