



## DECLARATION OF PERFORMANCE

No 0010\_Knauf\_Brio\_23\_WF\_2017-09-01

1. Unique identification code of the product-type: **h – Knauf Brio 23 WF**
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	8/3 (EN ISO 10456)
Thermal conductivity	λ	0,11 W/mK (EN ISO 6946   EN ISO 10456)
Dangerous substances	DS	NPD
Impact resistance *	→I	see manufacturer's literature   <a href="http://www.knauf.de">www.knauf.de</a>
Airborne Sound Insulation *	R	see manufacturer's literature   <a href="http://www.knauf.de">www.knauf.de</a>
Acoustic absorption *	α	see manufacturer's literature   <a href="http://www.knauf.de">www.knauf.de</a>

*\* 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  
(Head of Drywall Systems D/CH | Knauf Gips KG)