DECLARATION OF PERFORMANCE

No 0010_MP_75_L_Fire_2017-11-01

1. Unique identification code of the product-type: MP 75 L Fire – ETA-11/0229

2. Intended use/es: Use category related to the element(s) intended to be protected:
Type 3 Fire protective products to protect load-bearing concrete elements.
Type 4 Fire protective products to protect load-bearing steel elements.
Beams and columns with 3 and 4 exposed faces. With a section factor of < 540 m^{-1}.
Temperature ranges from 350 °C to 550 °C. R15, R30, R60, R90, R120.
Type 5 Fire protective products to protect flat concrete profiled sheet composite elements.
Type 10 Further intended uses, related to fire compartmentalisation or protection of fire performance, not covered by above types.
Category of use related to environmental conditions: Type Y (included Z1, Z2): Renderings intended for internal and semi-exposed conditions (semi exposed conditions include temperatures below 0 °C, but not exposed to ram and limited exposure to UV).

3. Manufacturer: Knauf Gips KG | Am Bahnhof 7 | D-97346 Iphofen
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4. Authorised representative: not relevant

5. System/s of AVCP: System 1

6. a) Harmonised standard: not relevant

Notified body/ies: not relevant

6. b) European Assessment Document: EAD 350140-00-1106

European Technical Assessment: ETA-11/0229

Technical Assessment Body: Instituto de Ciencias de la Construcción Eduardo Torraja

Notified body/ies: TAB IETcc Spanien

7. Declared performance/s:

Essential characteristics		Performance
Reaction to fire	R2F	A1
Flexural strength		≥ 0,7 MPa
Compressive strength		≥ 1,4 MPa
Resistance to water vapour	μ	8
Emission of dangerous substances		none
Fire resistance		pass
Resistance to deterioration caused by high humidity		pass
Resistance to deterioration caused by heat and cold		pass
Resistance to deterioration caused by freezing and thawing		pass
Resistance to corrosion of a steel substrate by the rendering		pass
Resistance to functional failure from hard body impact load		pass
Resistance to functional failure from soft body impact load		pass
Adherence - Concrete - Steel - Sheet galvanized steel		≥ 0,1 MPa ≥ 0,1 MPa ≥ 0,05 MPa
Thermal efficiency		pass

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, 2017-11-01

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

i. V. Dr. Dietz
(Head of Product Development, Gypsum Plaster | Knauf Gips KG)