



Declaration of Performance

Nr. 0102_Vidiwall_12,5_2015-05-04

1. Unique identification code of the product-type:

Knauf Vidiwall 12,5 mm – ETA-07/0086

2. Intended use or uses:

Gypsum fibre boards for planking and lining of building components

3. Manufacturer:

Knauf Bulgaria EOOD
27 Angelov vrah Str.
1618 Sofia, Bulgaria
Tel.: +359 2 9178910,
Fax: +359 2 850 21 94,
<http://www.knauf.bg>

4. Authorised representative:

Not relevant

5. System/s of AVCP:

System 3

6. European Technical Assessment: **ETA-07/0086 (26.06.2013)**
Technical Assessment Body: **Deutsches Institut für Bautechnik DIBt member of EOTA**

7. Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Characteristic strength values		
Bending ($f_{m,k}$)	4,5 N/mm ²	ETA-07/0086:2013
Shear ($f_{v,k}$)	1,4 N/mm ²	ETA-07/0086:2013
In plane of the board		
Tension ($f_{t,k}$)	2,3 N/mm ²	ETA-07/0086:2013
Compression ($f_{c,k}$)	7,5 N/mm ²	ETA-07/0086:2013
Shear ($f_{v,k}$)	3,5 N/mm ²	ETA-07/0086:2013
Stiffness values perpendicular to the plane of the board		
Modulus of elasticity ($E_{m,mean}$)	3900 N/mm ²	ETA-07/0086:2013
Shear modulus (G_{mean})	1300 N/mm ²	ETA-07/0086:2013
Stiffness values in plane of the board		
Modulus of elasticity Bending, Tension, Compression ($E_{m,t,c,mean}$)	3900 N/mm ²	ETA-07/0086:2013
Shear modulus (G_{mean})	1750 N/mm ²	ETA-07/0086:2013



Reaction to fire - R2F	A2-s1, d0 (EN 13501-1)	ETA-07/0086:2013
Water vapour diffusion resistance - μ	21 (EN ISO 10456)	ETA-07/0086:2013
Thermal conductivity - λ	$\leq 0,30$ W/(m·K) (EN ISO 10456)	ETA-07/0086:2013
Impact resistance - IR	≥ 11 mm/mm (EN 1128)	ETA-07/0086:2013
Protection against noise	Not relevant	ETA-07/0086:2013
Moisture content	0,9-1,3% (in 20°C/65 %) (EN 322)	ETA-07/0086:2013
Swelling and shrinkage in plane of the board	$\leq 0,30$ mm/m (with a change in the relative air moisture by 30%)	ETA-07/0086:2013
Density - ρ	1000 – 1250 kg/m ³	ETA-07/0086:2013

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:

Ingrid Janker
(CEO)

At Sofia on 04.05.2015

Ingrid Janker

