



Declaration of Performance according to Construction Products Directive EU No. 305/2011 Annex III

Nr. HHDE 6 4,0 575

- 1 Product Type
H + H Wall Element AAC 4 - 600
- 2 Dimensions
Length ≤ 3000 mm
Width ≤ 800 mm
Height 70, 75, 90, 100, 115, 125, 140, 150 mm
- 3 Intended use
AAC Wall Component W3 with non-structural reinforcement according EN 12602
- 4 Manufacturer
H+H Deutschland GmbH, Industriestrasse 3, 23829 Wittenborn
- 5 Authorised Representative
not applicable
- 6 System of Assessment
System 2+, EN 12602:2008
- 7 Notified Body
The notified body reference no. 1073
Dancert, Gregersensvej, P.O.Box 141, DK 2630 Taastrup
has performed the initial inspection of the manufacturing plant and of the factory production control, performs a continuous surveillance, assessment and evaluation of the factory production control and has issued the certificate of conformity of the factory production control
- 8 Technical Assessment Body
not applicable
- 9 Declared performance

Essential characteristics	Performance	harmonised technical specification
Tolerances:	Category T3 Flatness of bed faces $\leq 1,0$ Plane parallelism $\leq 1,0$	EN 12602:2008 mm mm
Compressive strength (f_{ck}) (vertical to bedface)	$\geq 4,0$ N/mm ² (characteristic)	EN 12602:2008 EN 679:2005
Dimension stability (shrinkage)	$\epsilon_{cs, ref.} \leq 0,2$ mm/m	EN 680:2005
Initial shear bond strength	0,3 N/mm ² (fixed value)	EN 998-2:2003-09
Reaction to fire	Euroclass A	EN 13501-1: 2002
Water absorption	not for unprotected use	
water vapour diffusion coefficient	5-10	EN 1745 Tab. A10
Freeze-thaw resistance	≤ 5 % weight loss after 25 cl.	EN 15304:2010
gross dry density	575 kg/m ³	EN 12602: 2008
Thermal conductivity $\lambda_{10,lr(50\%)}$	0,15 W/mK	EN 12604: Tab. 4

- 10 Declaration of the Manufacturer
The performance of the product referring to no. 1 and 2 corresponds to the declared performance at no. 9.
This declaration of performance was issued under the sole responsibility of the manufacturer specified in no. 4.

Signed on behalf of the producer:
Jens Jacob, Managing Director of Sales

Wittenborn, 28.10.2013