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Declaration of Performance for the product AMROC-Panel

DoP-Nr.: AMROC-1-17

EN

other trade names: Cempanit / Cempanit +
Cemspan / Cemcolor
Kivex Base

AMROC Cementspanplader
AMROC Sementsponplater
Monorock

1. Identification code:	AMROC Panel acc. EN 634-2 ; 8 - 40mm		
2. Intendet use:	Internal use as a structural component in dry and humid conditions and external use as a structural component		
3. Manufacturer:	Amroc Baustoffe GmbH Am Zweigkanal 7b 39126 Magdeburg		
4. System of Assessment and verification of constancy of performance(AVCP):	2+		
5. Notified body: Certificate No.:	HFB Engineering GmbH – 1034 – CE 1034–CPR–1283/1/2017		
6. Harmonized norm:	DIN EN 13986:2004+A1:2015		
7. Declared performance			
Essential characteristics	Performance	Harmonised technical spec.	
Bending strength parallel (N/mm ²) perpendicular (N/mm ²)	> 9,0 > 9,0		EN 634-2
Bending stiffness (Modulus of Elasticity) parallel (N/mm ²) perpendicular (N/mm ²)	> 4500 >4500		
Density (kg/m ³)	> 1200		
Release of formaldehyde	E1	EN 13986 Annex B	
Reaction to fire 10 - 40mm	B-s1, d0	EN 13986, Tab. 8	
Reaction to fire 8mm	B-s1, d0	K-3257/010/09-MPA BS	
Water vapour permeability	30 / 50	EN 13986 Tab. 9	
Airbone sound isolation	NPD	EN 13986 5.10	
Sound absorption	0,1 / 0,3	EN 13986 Tab. 10	
Thermal conductivity	0,23	EN 13986 Tab. 11	
Characteristics strength for use in structural design (N/mm ²)			
Bending $f_{m, 0^\circ}$	7,4		Characteristic values according EN 789
	7,0		
Tension $f_{t, 0^\circ}$	3,5		
	3,4		
Compressing $f_{c, 0^\circ}$	15,3		
	13,2		
Shear f_v	235		
	264		
Characteristics stiffness (N/mm ²)			
Bending $E_{m, 0^\circ}$	5790		
	5560		EN 1995-1-1
Tension $E_{t, 0^\circ}$	4170		
	4220		
Compressing $E_{c, 0^\circ}$	5420		
	4930		
Shear G_v	1920		
	1940		
Mechanical durability (medium duration of load)			
Modification coefficient k_{mod}	Service class 1 0,65 Service class 2 0,45 Service class 3 0,45		
Deformation coefficient k_{def}	Service class 1 2,25 Service class 2 3,00 Service class 3 9,13		

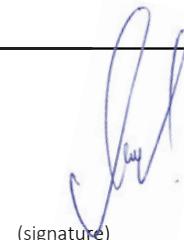
The performance of the product (products) is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and behalf of the manufacturer by:

Holger Arnold, Managing director
(name and function)

Magdeburg, 03-APR-2017
(place and date of issue)



(signature)

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