



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

AMROC Cementspanplader  
AMROC Sementsponplater  
Monorock



1.	Identification code:	<b>AMROC Panel acc. EN 634-2 ; 8 - 40mm</b>		
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:	HFB Engineering GmbH – 1034 –		
	Certificate No.:	CE 1034–CPR–1283/1/2017		
6.	Harmonized norm:	DIN EN 13986:2004+A1:2015		
7.	Declared performance			
	<b>Essential characteristics</b>	<b>Performance</b>	<b>Harmonised technical spec.</b>	
	Bending strength		EN 634-2	
	paralle (N/mm <sup>2</sup> )	> 9,0		
	perpendicular (N/mm <sup>2</sup> )	> 9,0		
	Bending stiffness (Modulus of Elasticity)			
	paralle (N/mm <sup>2</sup> )	> 4500		
	perpendicular (N/mm <sup>2</sup> )	>4500		
	Density (kg/m <sup>3</sup> )	> 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 <sup>2</sup> )		Characteristic values according EN 789	
	Bending	$f_{m,0^\circ}$		7,4
		$f_{m,90^\circ}$		7,0
	Tension	$f_{tr,0^\circ}$		3,5
		$f_{tr,90^\circ}$		3,4
	Compressing	$f_{cr,0^\circ}$		15,3
		$f_{cr,90^\circ}$		13,2
	Shear	$f_v$		235
		$f_r$		264
	Characteristics stiffness (N/mm <sup>2</sup> )			
	Bending	$E_{m,0^\circ}$		5790
		$E_{m,90^\circ}$		5560
	Tension	$E_{tr,0^\circ}$		4170
		$E_{tr,90^\circ}$		4220
	Compressing	$E_{cr,0^\circ}$	5420	
		$E_{cr,90^\circ}$	4930	
	Shear	$G_v$	1920	
		$G_r$	1940	
	Mechanical durability (medium duration of load)		EN 1995-1-1	
	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 solo responsibility of the manufacturer.  
Signed for and behalf of the manufacturer by: