

**DECLARATION OF PERFORMANCE  
MEDITE VENT**

Reference Number: **CADOP15**

**MEDITE EUROPE DAC**

**Redmondstown**

**Clonmel**

**County Tipperary**

**Ireland**

Product Type	AVCP*	UK Assessment Body
Wood based panels for use as structural components in humid conditions	2+	0836
*Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011		

**Declared Performance**

Essential characteristics	Performance	Designated Standard
Thickness Range (mm)	12 - 20	<b>BS EN 13986:2004+A1:2015</b>
Bending strength (N/mm <sup>2</sup> )	13	
Bending modulus (N/mm <sup>2</sup> )	1400	
Internal bond (N/mm <sup>2</sup> )	0.30	
Moisture Resistance (Option 2) Internal bond after boil test (N/mm <sup>2</sup> )	0.06	
Thickness Swelling (24hrs) %	10	
Release of formaldehyde	E1	
Reaction to fire	NPD	
Water vapour permeability $\mu$ Wet cup Dry cup	8.4 9.1	
Airborne sound insulation R (dB) ( $m_A$ = surface mass)	$R = 13 \cdot \log(m_A) + 14$	
Sound absorption Frequency range 250Hz to 500Hz ( $\alpha$ )	0.10	
Sound absorption Frequency range 1000Hz to 2000Hz ( $\alpha$ )	0.20	
Thermal conductivity W/(m.K)	0.08	
Biological durability	Use Classes 1 and 2	
Release (content) of pentachlorophenol (PCP)	$\leq 5$ ppm	

Essential characteristics		Performance					Designated Standard
<b>Strength and Stiffness for structural use</b>		NPD					BS EN 13986:2004+A1:2015
<b>Impact resistance for structural use</b>		NPD					
<b>Strength and stiffness under point load for structural use</b>		NPD					
<b>Mechanical durability</b> ( $k_{mod}$ )	Load duration class	Permanent action	Long term action	Medium term action	Short term action	Instantaneous action	
	Service class 1	0.20	0.40	0.60	0.80	1.10	
	Service class 2	-	-	-	0.45	0.80	
<b>Mechanical durability</b> ( $k_{def}$ )	Service class 1	2.25					
	Service class 2	3.00					
<b>Racking resistance</b> (EN594:2011; 25kN vertical load)							
FRd,max,k (kN)		15.42					
Rmean (N/mm)		1160					
<b>Embedment strength</b>		NPD					

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 as it has effect in the United Kingdom, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



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Guillaume Coste, Structural Engineer.

Clonmel, Ireland. 07/11/22