

**DECLARATION OF PERFORMANCE
MEDITE VENT**

Reference Number: **CEDOP15**

MEDITE EUROPE DAC

Redmondstown

Clonmel

County Tipperary

Ireland

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

Declared Performance

Essential characteristics	Performance	Harmonised technical specification
Thickness Range (mm)	12 - 20	EN 13986:2004+A1:2015
Bending strength (N/mm ²)	13	
Bending modulus (N/mm ²)	1400	
Internal bond (N/mm ²)	0.30	
Moisture Resistance (Option 2) Internal bond after boil test (N/mm ²)	0.06	
Thickness Swelling (24hrs) %	10	
Release of formaldehyde	E1	
Reaction to fire	NPD	
Water vapour permeability μ Wet cup Dry cup	11.2 9.7	
Airborne sound insulation R (dB) (m_A = surface mass)	$R = 13 \cdot \log(m_A) + 14$	
Sound absorption Frequency range 250Hz to 500Hz (α)	0.10	
Sound absorption Frequency range 1000Hz to 2000Hz (α)	0.20	
Thermal conductivity W/(m.K)	0.10	
Biological durability	Use Classes 1 and 2	
Release (content) of pentachlorophenol (PCP)	≤5ppm	

Essential characteristics		Performance					Harmonised technical specification
Strength and Stiffness for structural use		NPD					EN 13986:2004+A1:2015
Impact resistance for structural use		NPD					
Strength and stiffness under point load for structural use		NPD					
Mechanical durability (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	
Mechanical durability (k_{def})	Service class 1	2.25					
	Service class 2	3.00					
Racking resistance (EN594:2011; No vertical load)							
$F_{Rd,max,k}$ (kN)		11.05					
R_{mean} (N/mm)		877					
Embedment strength		NPD					

The performance of the product identified is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Tom Prendergast, Technical Manager.

Clonmel, Ireland. 10/09/21