

Declaration of Performance

DoP No. FORESCO-DOP-2018-01

1. Unique identification code of the product-type :
FORESCOLOR – EN 622-5 MDF
2. Intended use/es :
Internal use as a load-bearing boards in humid condition
3. Manufacturer :
Head Office & Plant : FORESCO CO. LTD.
Office Address : 212, Bongsu-daero, Seo-gu, incheon, Republic of Korea.
Factory Address : 212, Bongsu-daero, Seo-gu, incheon, Republic of Korea
TEL : +82-32-584-9800
FAX : +82-32-584-4900
URL : www.foresco.co.kr
4. Authorised representative
N/A
5. System/s of AVCP
System 2+
6. Harmonised standard :
EN 13986:2004+A1:2015
Notified body/ies : TECHNICKY A ZKUSEBNI USTAV STAVEBNI PRAHA s.p.
Notified Body number : 1020
Address : Prosecka 811/76a 190 00 PRAHA 9, Czech Republic

7. Declared performance/s:

Essential Characteristics	Performance									Harmonized Technical Specification
	5	8	9	12	15	16	18	19		
Thickness(mm)	5	8	9	12	15	16	18	19		EN13986:2004 +A1 : 2015 Table 7
Density(kg/m ³)	820	780	780	740	730	740	720	720		
Internal bond(N/mm ²)	0.7	0.8	0.8	0.8	0.75	0.75	0.75	0.75		
Bending strength(N/mm ²)	34	34	34	32	30	30	30	30		
Swelling in thickness 24 hour(%)	18	12	12	10	8	8	8	8		
Modulus of elasticity in bending(N/mm ²)	3000	3000	3000	2800	2700	2700	2700	2700		
Release of formaldehyde	E1	E1	E1	E1	E1	E1	E1	E1		
Moisture Resistance	I.B.	0.35	0.30	0.30	0.25	0.20	0.2	0.2	0.2	
	Swelling	25	19	19	16	15	15	15	15	
Reaction to fire	NPD	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0		
Water vapor permeability	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD		
Air born sound	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD		
Sound absorption	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD		
Thermal conductivity	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD		
Strength and stiffness for structural use	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD		
Mechanical durability	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD		
Biological durability	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD		
Content of pentachlorophenol	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD		

8. Appropriate Technical Documentation and/or Specific Technical Documentation
The performance of the product identified in points 1 is in conformity with declared performance in point7.
This declaration of performance is issued under the dole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by :

FORESCO

212, Bongsu-daero, Seo-gu, Incheon, Republic of Korea