

## DECLARATION OF PERFORMANCE – P6.22-38

Ref nr: DOP-6

**1. Product:**

Resin bound particleboard (wood-based) 22 mm and 38 mm - EN 312 Flooring P6.  
Manufacturer article code: A12 and A26.

**2. Intended use:**

Load carrying particle board (mounted on beams) for use in dry conditions.

**3. Manufacturer:**

Byggelit Sverige AB, Östersundsvägen 59, SE-836 31 Lit, Sweden.

**4. System of Assessment and Verification of the Constancy of Performance (AVCP):**

System 2+

**5. Harmonised standard:**

EN 13986:2004 + A1:2015

**6. Supervisory body:**

0402, RISE Research Institutes of Sweden

## 7. Declared performance:

Properties	P6 22 mm		P6 38 mm	
Modulus of rupture	L: 16,6	T: 16,0	L: 14,0	T: 14,8
Modulus of elasticity	L: 2888	T: 2831	L: 2710	T: 2200
R <sub>mean</sub> :	483 N/mm		950 N/mm	
F <sub>max,k</sub> :	4,62 kN		8,4 kN	
F <sub>ser,k</sub> :	4,19 kN		3,0 kN	
Impact Class	1		1	
Reaction to fire	D <sub>fl</sub> -s1		D <sub>fl</sub> -s1	
Water vapour permeability wet/dry cup μ	15/50		15/50	
Release of formaldehyde	E1		E1	
Pentachlorophenol	< 5 ppm		< 5 ppm	
Sound absorption:				
250-500 Hz	0,10		0,10	
1000-2000 Hz	0,25		0,25	
Thermal conductivity, λ	0,12		0,12	
Bonding strength	0,67		0,52	
Swelling in thickness	< 15%		< 14%	
Biological resistance	NPD		NPD	

The performance of the products identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of Byggelit Sverige AB by:



**Mårten Eriksson, CEO**

Östersund 2020-02-21