

## DECLARATION OF PERFORMANCE

No 02-DOP-2019/08/12

1. Unique identification code of the product-type	<b>Cement-bonded particle board BZSPlus<sup>+</sup> (8,10,12,16,18,20,22 and 24mm)</b>
2. Intended use	for internal and external use as structural components, unfaced.
3. Manufacturer	“CSP BZS” JLLC, 137, Komsomolskaya St., office 106, Krichev, Mogilev Province 213500, the Republic of Belarus
4. Authorized representative	VST Production s.r.o. Novozamocka Str., 179, 949 05 Nitra, Slovakia CEO: Ing. Siegfried Gassner and Vladimir Novak Tel.: +421 376560919 Fax: +421 376560903
5. System of AVCP	1
6. Harmonized standard	EN 13986: 2004+A1:2015
7. Notified body	Technical and Test Institute for Construction Prague, SOE, 1020

### 8. Declared performance EN 13986:2004+A1:2015

Essential characteristics	Performance
Density, kg/m <sup>3</sup>	1350-1430 All thicknesses stated under point 1
Bending strength, N/mm <sup>2</sup>	≥ 9,0 All thicknesses stated under point 1
Bending stiffness (modulus of elasticity), N/mm <sup>2</sup>	Class 1 ≥ 4500 All thicknesses stated under point 1
Internal bond (tensile strength), N/mm <sup>2</sup>	≥ 0,5 All thicknesses stated under point 1
Durability (Swelling in thickness), %	≤ 1,5 All thicknesses stated under point 1
Durability (moisture resistance) - internal bond after cyclic testing, N/mm <sup>2</sup> ; - swelling in thickness after cyclic testing, %	≥ 0,3; All thicknesses stated under point 1 ≤ 1,5; All thicknesses stated under point 1
Release of formaldehyde	E1 All thicknesses stated under point 1
Reaction to fire	A2-s1, d0 All thicknesses stated under point 1
Water vapour permeability, μ (wet/dry)	30/50 All thicknesses stated under point 1
Airborne sound insulation	NPD
Sound absorption (250Hz-500Hz/1000Hz-2000Hz)	0,10/0,30 All thicknesses stated under point 1
Thermal conductivity, λ, W/(m×K)	0,23 All thicknesses stated under point 1
Biological durability	NPD
Content of pentachlorophenol	< 5 (ppm) All thicknesses stated under point 1
Air permeability	NPD
Punching shear	NPD
Racking resistance	NPD

Impact resistance	NPD
Embedment strength	NPD
Bonding strength	NPD
Mechanical durability	NPD

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

Director of «CSP BZS» JLLC



Yury V. Laryn  
Krichev  
15-01-2021