

DECLARATION OF PERFORMANCE

CE KS 48-657 U18L 20-1,6/03/2021

1. Unique identification code of the product type: **KS U18L 20-1,6**
2. Intended purpose: **in secured masonry walls, pillars and partition walls**
3. Manufacturer: **SIL-PRO Warszawa Sp. z o.o. - ul. Usługowa 5, Nowy Modlin - 05-180 Pomiechówek - Poland - www.sil-pro.warszawa.pl**
4. System(s) of assessment and verification of constancy of performance: **2+**
5. Harmonised standard: **EN 771-2:2011+A1:2015**
 Notified body number: **ITB 1488**
6. Declared performance:

Essential Characteristics			Performance
Measurements and deviations	Length (l)		248 mm
	Width (w)		180 mm
	Height (t)		220 mm
	Deviation category		T3
Shape and construction	Group according to PN-EN 1996-1-1+A1:2013		1
	Volume of cavities		≤ 25%
Compression strenght	Masonry element category		I
	Compression strenght class		20
	Load direction during the test		⊥ to horizontal joint
Joint strenght	Initial essential shear strenght (according to PN-EN 998-2:2012, schedule C)	for standard mortar	0,15 N/mm ²
		for thin-bed mortar	0,30 N/mm ²
Reaction to fire			A1
Water absorption			<16%
Water vapour permeability	Water vapour diffusion coefficient μ (according to PN-EN 1745:2012, table A.2)		5/25
Isolation from direct air sounds	Gross dry density		1.410 kg/m ³ - 1.600 kg/m ³
	Measurements and deviations		as above
	Shape and construction		as above
Thermal resistance	Thermal conductivity coefficient λ _{10,dry,unit}		0,46 W/mK (P=50%)
	Assessment method (according to PN-EN 1745:2012)		P2
	Gross dry density		1.410 kg/m ³ - 1.600 kg/m ³
	Shape and construction		as above

The performance of the above product corresponds to the list of declared performance characteristics. This declaration of performance is issued according to Regulation (EU) No 305/2011 at the sole responsibility of the above manufacturer.

Signature on behalf of the manufacturer: Marcin Głowacki - General Director

Place and date of issue: Now Modlin, 15.02.2023