

**DECLARATION OF PERFORMANCE**  
**CE KS 48-657 U18V 30-2,0/03/2021**

1. Unique identification code of the product type: **KS U18V 30-2,0**
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 strength	Masonry element category	I	
	Compression strength class	30	
	Load direction during the test	⊥ to horizontal joint	
Joint strength	Initial essential shear strength (according to PN-EN 998-2:2012, schedule C)	for standard mortar	0,15 N/mm <sup>2</sup>
		for thin-bed mortar	0,30 N/mm <sup>2</sup>
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	1.810 kg/m <sup>3</sup> - 2.000 kg/m <sup>3</sup>	
	Measurements and deviations	as above	
	Shape and construction	as above	
Thermal resistance	Thermal conductivity coefficient λ <sub>10,dry,unit</sub>	0,86 W/mK (P=50%)	
	Assessment method (according to PN-EN 1745:2012)	P2	
	Gross dry density	1.810 kg/m <sup>3</sup> - 2.000 kg/m <sup>3</sup>	
	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