

Jacek Szczerbak PhD sworn translator of English and German
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CERTIFIED TRANSLATION FROM POLISH

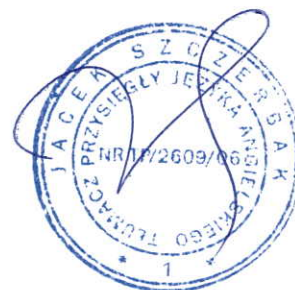
SIL-PRO Silicate Blocks [LOGO]
 SIL-PRO Warszawa Sp. z o.o., Nowy Modlin 47, 05-180 Pomiechówek
 tel. +48 22 274 29 29, fax: +48 22 270 20 62
 www.sil-pro.warszawa.pl, e-mail: info@sil-pro.warszawa.pl

DECLARATION OF PERFORMANCE
CE KS 48-657 U18V 20-1,8/03/2021

1. Unique identification code of the product type: **KS U18V 20-1,8**
2. Intended purpose: **in secured masonry walls, pillars and partition walls**
3. Manufacturer: **SIL-PRO Warszawa Sp. z o.o. — Nowy Modlin 47 — 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	20
	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 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		1,610 kg/m ³ — 1,800 kg/m ³
	Measurements and deviations		as above
	Shape and construction		as above
Thermal resistance	Thermal conductivity coefficient $\lambda_{10, \text{dry, unit}}$		0.61 W/mK (P = 50%)
	Assessment method (according to PN-EN 1745:2012)		P2
	Gross dry density		1,610 kg/m ³ — 1,800 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 (surname and position): Marcin Głowacki General Director

Place and date of issue: Now Modlin, 18.03.2021

Signature: Marcin Głowacki General Director [stamp and signature]

Warsaw District Court (Sąd Rejonowy dla m.st. Warszawy w Warszawie), 14th Commercial Division of the National Court Register

KRS (company number): 0000631486, NIP (VAT registration number): 912-18-90-204, REGON (statistical number): 365146732, share capital: PLN 5,000,000.00

I, the undersigned, Jacek Szczerbak PhD, sworn translator of English and German, holder of the licence number 2609/06, hereby certify that this is an accurate translation of the above document presented to me, as confirmed by my signature and official seal below.

Date: 27 JANUARY 2023

Reference number: 031/2023

