

Evidence of performance Airborne sound insulation of building components

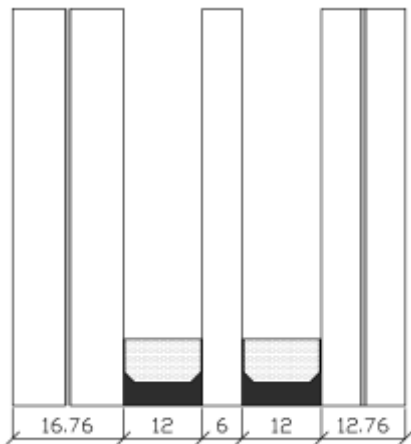
Based on the test: **No. GLA-1505.24/20**

Client:

PRESS GLASS S.A.

Nowa Wieś

ul. Kopalniana 9, 42-262 Poczesna

Product:	Insulating glass unit
Construction:	PRESS GLASS IGU [16,76aku/12/6/12/12,76aku]
Designation:	VSG (FL 8/0,76 PVB SC/TH1,1 8) kl.1/B/1/12/FL 6/12/VSG (TH1,1 6/0,76 PVB SC/FL 6) kl.1/B/1 U=0,7 EN673 Ar
Dimension:	1230 mm x 1480 mm
Cross-section:	
Rating	Weighted sound reduction index R_w and the spectrum adaptation terms: C and C_{tr}
Basis	EN ISO 10140-1:2016; EN ISO 10140-2:2010; EN ISO 717-1: 2013
Value	$R_w (C; C_{tr}) = 51 (-1; -4) \text{ dB}$

Rating	Sound Transmission Class STC	Outdoor-Indoor Transmission Class OITC
Basis	ASTM E90-09 (2016); ASTM E413-16	ASTM E90-09 (2016) ASTM E1332-16
Value	51 dB	39 dB

Łozienica, 9 March 2021

PhD Krzysztof Mech
Head of Acoustics Laboratory