

Evidence of performance

Airborne sound insulation of building components

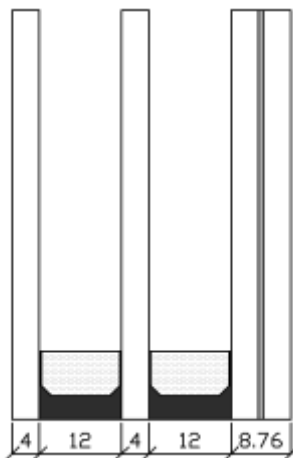
Based on the test: **No. GLA-1505.40/20**

Client:

PRESS GLASS S.A.

Nowa Wieś

ul. Kopalniana 9, 42-262 Poczesna

Product:	Insulating glass unit
Construction:	PRESS GLASS IGU [4/12/4/12/8,76aku]
Designation:	TH1,1 4/12/FL 4/12/44.2 Phon TH 1,1 kl.P2A 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	$R_w (C; C_{tr}) = 39 (-2; -7) \text{ dB}$

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	39 dB	29 dB

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