

## Evidence of performance

### Airborne sound insulation of building components

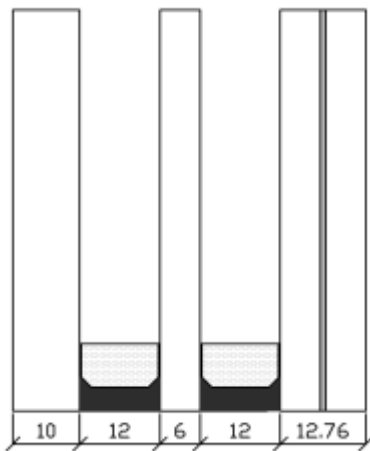
Based on the test: **No. GLA-1505.34/20**

Client:

**PRESS GLASS S.A.**

**Nowa Wieś**

**ul. Kopalniana 9, 42-262 Poczesna**

|                |  |
|----------------|--|
| Product:       | Insulating glass unit  |
| Construction:  | PRESS GLASS IGU [10/12/6/12/12,76aku]  |
| Designation:   | TH1,1 10/12/FL 6/12/66.2 TH1,1 Phon 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          | <b><math>R_w (C; C_{tr}) = 47 (-1; -5) \text{ dB}</math></b>                           |

|        |  |  |
|--------|--|--|
| Rating | Sound Transmission Class<br><b>STC</b> | Outdoor-Indoor Transmission Class<br><b>OITC</b> |
| Basis  | ASTM E90-09 (2016); ASTM E413-16       | ASTM E90-09 (2016) ASTM E1332-16                 |
| Value  | <b>47 dB</b>                           | <b>36 dB</b>                                     |

Łozienica, 19 May 2021

**PhD Krzysztof Mech**  
Head of Acoustics Laboratory