

**Łukasiewicz Research Network - Institute  
of Ceramics and Building Materials**

ul. Cementowa 8, 31-983 Kraków

[www.icimb.lukasiewicz.gov.pl](http://www.icimb.lukasiewicz.gov.pl) [info@icimb.lukasiewicz.gov.pl](mailto:info@icimb.lukasiewicz.gov.pl)

**Center of Fire Safety and Acoustics**

ul. Cementowa 8a, 31 - 893 Kraków

**Glass and Acoustics Research Group**

Magda Kosmal PhD Eng.

phone: +48 12 254 40 61, +48 784 337 288

[magda.kosmal@icimb.lukasiewicz.gov.pl](mailto:magda.kosmal@icimb.lukasiewicz.gov.pl)



**Łukasiewicz**

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**TODAY AT THE INSTITUTE,  
TOMORROW IN BUSINESS**

**ACOUSTIC TESTS**



## ACOUSTIC INSULATION TESTS

Traffic noise is among the major nuisances of everyday life, mainly affecting our moods and well-being. Providing adequate protection from noise is one of the basic performance requirements for building structures.

In a situation where a building is located in the vicinity of busy streets, railroads, airports, etc., the acoustic insulation of the building, that is, the ability of the building partition to dampen external sounds, becomes particularly important.

In the fight against noise, an effective weapon are appropriately selected building partitions (insulated glass units, windows, walls) which, before going on the market, are subjected to specialized acoustic tests to provide the user with maximum protection from noise and comfort of use of the finished product.

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### **Sound insulation tests are performed based on the methodology described in the standard:**

PN-EN ISO 10140-2:2021 – Acoustics. Laboratory measurement of sound insulation of building elements - Part 2: Measurement of insulation from airborne sound.

The Glass Research Group has a chamber for testing sound insulation from airborne sounds with the dimensions of the test frame 3,05 x 3,50m<sup>2</sup>



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WE CARE FOR YOU!

Sound insulation tests allow customers to choose a product with the best features and properties among all those available on the market.

Sound insulation testing is a guarantee of satisfaction, healthy, peaceful sleep, comfortable work and rest for many years to come.

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**Silence is a great element,  
in which great things are born.**