



## **Rain Noise Test Laboratory P7**

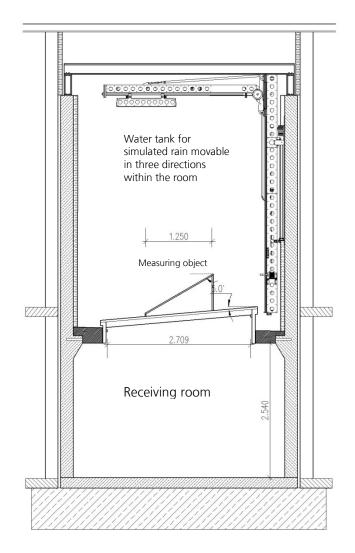
Measurement	Rain noise level
Standard	DIN EN ISO 140-18
Measuring objects	Roofs, roof constructions and elements, skylights, roof and dome lights, membrane roofs, systems for rain noise reduction, films, components of vehicle envelopes, domed roof lights

## **Technical Data**

Installation frame (according to standard)	3,71 m x 2,71 m (roofs); 1,5 m x 1,25 m (skylights)
Slope angle	5° (roofs) and 30° (skylights)
Room volume	100 m³ and 50 m³
Entrance doors (H x W)	2,05 m x 1,91 m

## **More Information**

- According to the standard, installation of test specimens with a surface area of 2.71 m x
  3.71 m as well as smaller test specimens with a surface area of 1.25 m x 1.50 m is possible.
- The installation opening can be adjusted to test specimens with irregular shape (maximum dimensions 3.71m x 2.71 m).
- Simulated rain as heavy rain (rainfall 40 mm/h) according to standard or variable rainfall is possible.
- In addition, rainfall and impact speed of the rain drops is adjustable.
- Airborne sound insulation of installed test samples can be determined
- Compressed air and electric power available



## Vertical section of test facility (dimensions in m)