



## Rain Noise Test Laboratory P7

<b>Measurement</b>	Rain noise level
<b>Standard</b>	DIN EN ISO 140-18
<b>Measuring objects</b>	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
<b>Technical Data</b>	
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 m <sup>3</sup> and 50 m <sup>3</sup>
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)**

