

# HOW TO CHOOSE THE RIGHT AMOUNT OF ACOUSTIC PANELS HEXAGO FOR YOUR INTERIOR

## GENERAL INFORMATION

- Following recommendations apply to FORM AT WOOD acoustic panels with the highest sound absorption properties: HEXAGO P-A and HEXAGO CM-A.
- HEXAGO panels are designed to improve the acoustic properties of a room. Even a single HEXAGO panel improves the acoustics in a room, but to achieve a significant difference, it is advisable to use the appropriate amount of HEXAGO panels according to the following recommendations.
- The acoustics of a room are influenced by a variety of factors, such as the geometry of the room, the arrangement of surfaces and movable objects, wall and floor materials, glazing and many others. Therefore, if you are looking to achieve a professional acoustic effect, it is worth consulting with an acoustics expert who can tailor a solution to your individual needs and room conditions.

## RECOMMENDED QUANTITIES

- In order to reduce the reverberation time and improve the acoustics in the room, you should consider using the appropriate number of panels, according to our recommendations. These recommendations are based on research and tests conducted under real-world conditions, so you can be sure they are effective. See the table below for details on the recommended number of panels:

RECOMMENDED NUMBER OF PANELS IN RELATION TO THE SIZE OF THE ROOM	
ROOM AREA [m <sup>2</sup> / sqft]	NUMBER OF HEXAGO PANELS [pcs]
10 / 108	7
12 / 129	9
15 / 161	11
20 / 215	15
25 / 269	18
35 / 377	25
50 / 538	36
75 / 807	54
100 / 1076	70



- By a simplified calculation method, you can assume 7 HEXAGO panels per 10 m<sup>2</sup> (108 sqft) of room area and multiply this value to the selected room size.
- For spaces over 50 m<sup>2</sup> (540 sqft), the number of panels used can be reduced by a maximum of 10% from the recommended amount in the table, maintaining the optimal effect of reducing reverberation in the room.