

## Wood Wool Acoustic Panel

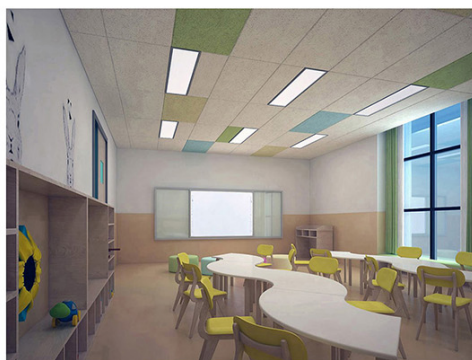
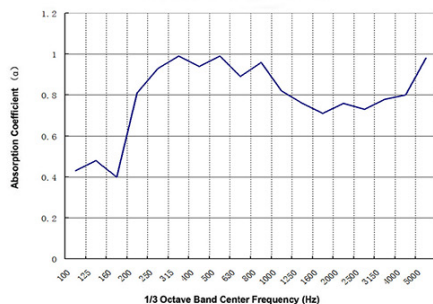
Wood wool acoustic panel is made of wood fiber, cement and minerals under high temperature and high pressure. There are countless pores inside the panel, which can absorb noise. BRG wood wool acoustic panel is not only with great acoustic and properties, but also environmental friendly and human friendly. Different painted colors are available by request.

### Specification:

Standard Size: 2440x1220mm  
 Standard thickness: 15/20/25mm  
 Flame Retardant: GB8624, EN13501, BS476, ASTM E84  
 Density: 400 kg/m<sup>3</sup>  
 Thickness expansion (Immersion in water 24hrs) < 2%  
 Thermal conductivity 0.108 kcal/m x r x oc  
 Moisture proof: can be used in humidity up to 90%.  
 Heat resistance: can be used in temperature up to 200 degree.  
 Impact resistance: with good impact resistance property; can be used in all kinds of ball rooms and gymnasiums.



Performance Data



### BRG Wood Wool Acoustic Panel

| Frequency(Hz)                   | 100  | 125  | 160  | 200  | 250  | 315  | 400  | 500  | 630  | 800  | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 | NRC  |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sound absorption coefficient(α) | 0.43 | 0.48 | 0.40 | 0.81 | 0.93 | 0.99 | 0.94 | 0.99 | 0.89 | 0.96 | 0.82 | 0.76 | 0.71 | 0.76 | 0.73 | 0.78 | 0.80 | 0.98 | 0.85 |

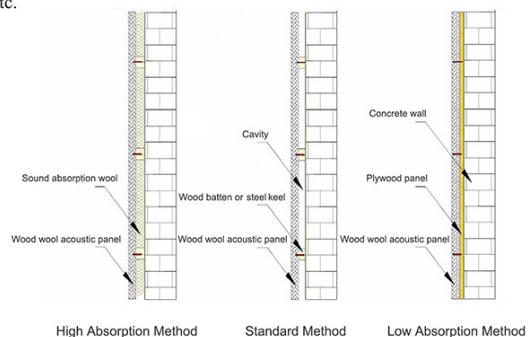
### Application:

It's widely used in conference room, lecture hall, theater, gymnasium, airport, office, hotel lobby, swimming pool, etc.



### Installation:

Use nails to fix on wall or use T profile to suspend on ceiling.



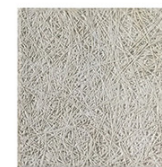
## Customized Wood Wool Panels

Wood wool acoustic panel has various design options. The variety of colours, structures, edge profiles and installation systems permit customized design solutions, which makes it simple to transform any space into an artwork. With BRG Acoustic wood wool tiles reducing sound reflection and regulating moisture, you will benefit from a much healthier environment all around.



Hexagon tiles

Side length: 100, 150, 200, 250, 300mm



Square tiles

100x100, 150x150, 200x200, 250x250, 300x300mm



Rectangle tiles

100x200, 150x300, 200x400, 250x500, 300x600mm



Parallelogram tiles

100x141, 150x212, 200x283, 250x354, 300x424mm



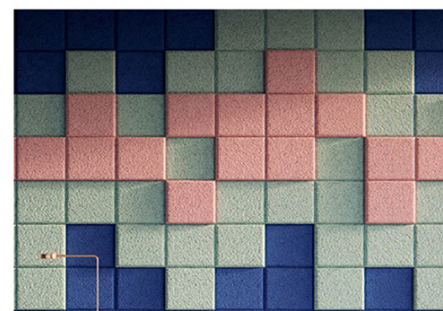
Circle tiles

Diameter: 100, 150, 200, 250, 300mm

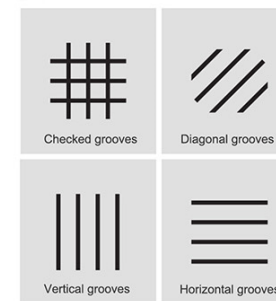


Triangle tiles

100x141, 150x212, 200x283, 250x354, 300x424mm



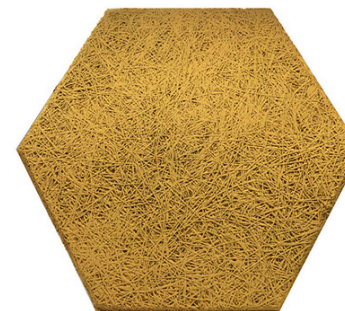
Painted Square Tiles 15mm & 25mm Thick



Grooves Options



Painted Diagonal Tiles



Painted Hexagon Tiles

