



ceiling systems

partitioning systems

opening systems

flooring systems



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**Features and Benefits include:**

- Humidity resistance up to RH 95%
- Sound absorption in accordance with JC/T 670-2005  
(which is the standard of the test through the System of Sound absorption Index)
- Light reflectance up to 90%
- CAC (sound insulation level) up to 35
- Environmentally friendly
- Moisture and fire resistant (see below)
- No asbestos
- No radiation



**SAFE & SUITABLE FOR ALL TYPES OF COMMERCIAL APPLICATIONS**  
Hospitals, Schools, Office Buildings and Retail Outlets

Characteristics	Pinhole	Lovely Worm	Perlite Sand	Silica Sand
Acoustics	NRC 0.55	NRC 0.55	NRC 0.55	NRC 0.60
Thermal Conductivity	0.052 - 0.057 W/mK	0.052 - 0.057 W/mK	0.052 - 0.057 W/mK	0.052 - 0.057 W/mK
Fire Classification	Class B/B1/2	Class B/B1/2	Class B/B1/2	Class B/B1/2
Humidity Resistance	RH 85%	RH 85%	RH 90%	RH 95%
Light Reflection	85%	85%	85%	90%
Moisture Resistance	Complies with JC/T 670 - 2005	Complies with JC/T 670 - 2005	Complies with JC/T 670 - 2005	Complies with JC/T 670 - 2005
Sound Absorption	Complies with JC/T 670 - 2005	Complies with JC/T 670 - 2005	Complies with JC/T 670 - 2005	Complies with JC/T 670 - 2005
Sound Insulation Level	CAC 35	CAC 35	CAC 35	CAC 35

**FIRE PERFORMANCE CLASSIFICATION FOR BUILDINGS: SANS 428:2012 (10177-5 & 10177-10)**

The econocoust ceiling system as tested did not propagate flaming during the standard SANS 10177-10 test.

The material is classified as combustible in terms of SANS 10177-5:2012.

The overall classification of econocoust in terms of the SANS specification is therefore: CLASS B/B1/2

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creating environments

## SURFACE FINISHES AND SIZES



### pinhole

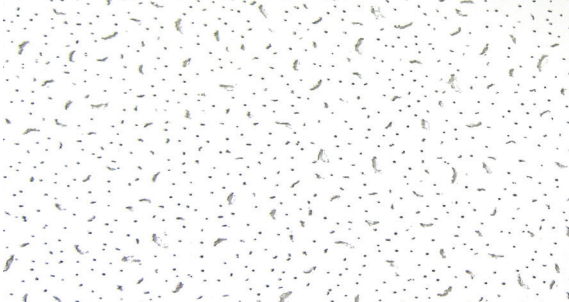
1200 X 600 X 15mm SE  
NRC - 0.55  
RH - 85%  
4.306 kg/m<sup>2</sup>

Packing Details:  
8 tiles / 5.76 m<sup>2</sup> per pack  
240 tiles per stack

### pinhole

600 X 600 X 15mm SE  
NRC - 0.55  
RH - 85%  
4.306 kg/m<sup>2</sup>

Packing Details:  
10 tiles / 3.6 m<sup>2</sup> per pack  
480 tiles per stack



### lovely worm

1200 X 600 X 15mm SE  
NRC - 0.55  
RH - 85%  
4.306 kg/m<sup>2</sup>

Packing Details:  
8 tiles / 5.76 m<sup>2</sup> per pack  
240 tiles per stack

### lovely worm

600 X 600 X 15mm SE  
NRC - 0.55  
RH - 85%  
4.306 kg/m<sup>2</sup>

Packing Details:  
10 tiles / 3.6 m<sup>2</sup> per pack  
480 tiles per stack



### perlite sand

1200 X 600 X 15mm SE  
NRC - 0.55  
RH - 90%  
4.389 kg/m<sup>2</sup>

Packing Details:  
8 tiles / 5.76 m<sup>2</sup> per pack  
240 tiles per stack

### perlite sand

600 X 600 X 15mm SE / RE  
NRC - 0.55  
RH - 90%  
SE 4.389 kg/m<sup>2</sup> RE 4.361 kg/m<sup>2</sup>

Packing Details:  
10 tiles / 3.6 m<sup>2</sup> per pack  
480 tiles per stack



### silica sand

1200 X 600 X 15mm SE  
NRC - 0.60  
RH - 95%  
4.389 kg/m<sup>2</sup>

Packing Details:  
8 tiles / 5.76 m<sup>2</sup> per pack  
240 tiles per stack

### Bill of quantity specification:

Supply and install Pelican Econocoust (Pinhole), (Lovely Worm), (Perlite Sand) or (Silica Sand) mineral wool ceiling tiles, size (1200 x 600 x 15mm) or (600 x 600 x 15mm) with (square edge) or (revealed edge) and white painted finish on Pelican Econogrid exposed suspension ceiling grid system with pre-painted white capping, ceiling perimeter to be finished with pre-painted (Standard) or (Shadowline) wall trim. Suspension shall be in accordance with the manufacturer's recommendations and to include all necessary hangers, sub grid and fixings.

Find this spec on Autospec and CCN

\***NOTE:** All ceilings should be installed in accordance with the current code of practice for ceiling installation adopted by the South African Building Interior System Association (SABISA) and the manufacturer's instructions. Care should be taken to ensure that the fixing used for the suspension points should be able to support a safety factor of three times the design load of the ceiling. Suspended ceilings are not designed to take the weight of services personnel walking around on its surface. The ceiling erection should take place at a late stage in the building contract when the area is clean and there is less likelihood of damage from other trades and exposure to the elements.



Pelican Systems is an ISO 9001:2008 certified company (certified from 2005)