



ceiling systems

partitioning systems

opening systems

flooring systems



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creating environments

#### Features and Benefits include:

- Foil backing increases thermal resistance and NRC properties
- Encapsulated (taped) edges limit water penetration, promote a longer life span and minimize gypsum dust
- Tiles are non-toxic, non-combustible and resistant to humidity



#### SAFE & SUITABLE FOR ALL TYPES OF COMMERCIAL APPLICATIONS

Retail Outlets, Offices, Schools, Hospitals and Restaurants

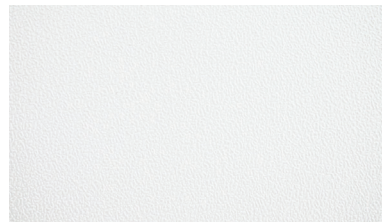
| Test Item                               | Test Result  |
|---|--|
| Acoustics                               | NRC 0.509  |
| Thermal Resistance                      | 0.25(m <sup>2</sup> .k)/W  |
| Fire Classification                     | Class B/B1/2   |
| Encapsulated Edges & Appearance Quality | No cracks, no fragments, no warps, no distortions, no broken edges & corners that have bad effects on its usage and appearance |
| Bulk Density                            | 7.7 kg/m <sup>3</sup>  |
| Moisture Content                        | 1.4 %  |
| Flexural Load                           | 169N   |

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

The econotile ceiling system as tested did not propagate flaming during the standard SANS 10177-10 test. The material is classified as combustibile in terms of SANS 10177-5:2012.

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

#### SURFACE FINISHES AND SIZES



shell white

**9mm**  
1200 x 600  
600 x 600

6.75 kg/m<sup>2</sup>

**12mm**  
1200 x 600  
600 x 600

9.00 kg/m<sup>2</sup>



fissured

Packing Details: 12mm: 1200 x 600: 6 tiles / 4.32 m<sup>2</sup> per pack, 300 tiles per stack  
600 x 600: 6 tiles / 2.16 m<sup>2</sup> per pack, 600 tiles per stack  
9mm: 1200 x 600: 8 tiles / 5.76 m<sup>2</sup> per pack, 400 tiles per stack  
600 x 600: 8 tiles / 2.88 m<sup>2</sup> per pack, 800 tiles per stack

#### Bill of quantity specification:

Supply and install Pelican Econotile foil back ceiling tiles with (white) or (fissured) vinyl face finish, size (600 x 600 x 9 or 12mm) or (600 x 1200 x 9 or 12mm) laid 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. Hold down clips may be used to hold the ceiling tiles firmly in position. 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)