

**Product Name:**

## Integra AAC

**Description:**

Integra AAC is a premium product used as a facade and flooring material over timber-framed and steel-framed buildings. Integra is a high-performance, autoclaved aerated concrete that is reinforced with a steel mesh.

**Typical Uses:**

- Installed on a cavity to the facade of the exterior of buildings
- Installed as a flooring substrate
- Installed as a central barrier of Intertenancy Systems

**Expectation:**

An inert, rigid product that ensures good acoustic and fire resistance properties.

**Technical Data:**

Typical thicknesses:	50mm/75mm
Board density:	550kg/m <sup>3</sup>
Thermal Conductivity:	0.1496 W/mK (Average 23°)(m <sup>2</sup> K/W)
Thermal Resistance R-Value :	50mm - R0.331
Compressive Strength:	4.00N/mm <sup>2</sup>
Flexural Strength:	1.00N/mm <sup>2</sup> or above
Shear Strength:	0.50N/mm <sup>2</sup> or above
Tensile Strength:	0.50N/mm <sup>2</sup> or above
Modulus of Elasticity:	1800N/mm <sup>2</sup> or above
Water Transmissibility:	1.59 w(kg/(m <sup>2</sup> x h0.5))
Combustibility:	The material is NOT deemed COMBUSTIBLE according to the test criteria specified in Clause 3.4 of AS 1530.1-1994.

**Surface Preparation:**

Ensure surface is clean, sound, dry and free from dust, dirt, grease, mould and lichen. The surface should be clean and dry before application of plaster or other coatings. A sealer can be applied to the surface to ensure that any plasters do not lose their moisture too quickly.

**Application:**

Check using a straight edge to ensure the wall is flat, plumb and true. Any irregularities should be taken out by straightening using a rasp or cup stone grinder. The Render coating is not designed to straighten deviations that exceed

the specified Resene Construction Systems Render System thickness.

**Environmental and Safety**

Ensure that any excess product is disposed of at the appropriate Refuse Stations