

# INTEGRA

LIGHTWEIGHT CONCRETE SYSTEMS



## WHAT IS THE..... INTEGRA Flooring System?

A 75mm thick, reinforced lightweight concrete flooring. Modern architectural trends and requirements for comfort and durability place tremendous demands on building structures. INTEGRA Flooring System offers the flexibility to meet these demands in a cost effective manner.

### Proven Technology

Lightweight concrete flooring systems are a tried and tested method of flooring around the world. Incorporating the benefits of energy efficiency, insulation, acoustic qualities, and speed of installation to create a solid, flooring structure for in residential and light commercial buildings.

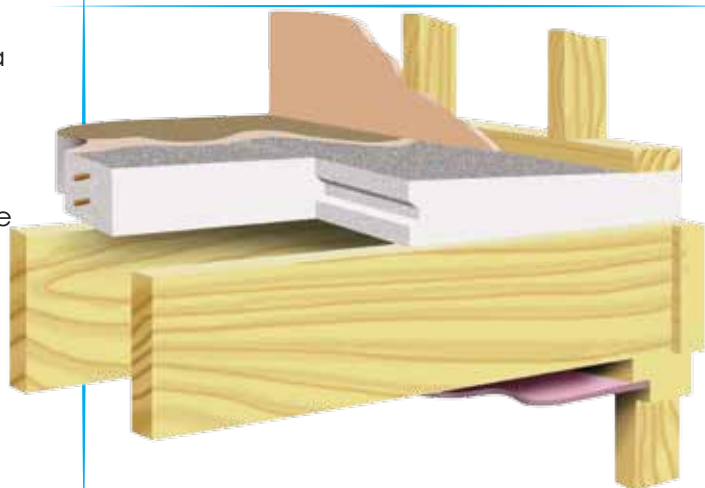
The INTEGRA Flooring System incorporates Aquapel infusion at manufacture for water repellancy throughout the entire panel including double steel mesh reinforcing. The panels are screw fixed into timber joists to ensure the strength, integrity and durability of the System.

### Durable

This System carries a 25 year Product Performance Warranty when supplied and installed in accordance with our specifications creating a solid, durable flooring substrate you can trust.

### System Features:

- Impact resistance
- Acoustic benefits
- Energy Efficient
- Insulation
- Speedy installation
- Cost effective
- Waterproof



# Resene

## Construction Systems



# INTEGRA

LIGHTWEIGHT CONCRETE SYSTEMS

## Specification

INTEGRA Flooring System.

### Substrate:

75mm INTEGRA lightweight concrete panel is screw fixed over timber / steel joists.

### Components:

- INTEGRA LWC Floor Panels. (1800 x 600 x 75mm)
- 14g x 100mm/150mm Galvanised INTEGRA Screws.(100mm for fixing the Integra Floor Panels, and 150mm for perimeter of floor)
- Rockcote's MultiStop Bedding Compound.
- Resene Galvo-Prime - Brush applied waterborne galvanised iron primer or Zinc rich spray pak primer.
- Broadknife.
- Power saw with metal or diamond blade.
- Impact driver or standard drill with hex drive drill bit.
- Safety Equipment. (Gloves, Earmuffs, Eyewear,Respiratory Protection)

### Panel size

75mm x 1.800mm L x .600mm W

### Weight

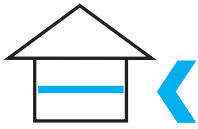
45.5 kg per panel / 520kg per m3 dry density

### Compressive Strength

4mPa

### Thermal resistance

R 0.56



**FPB**  
FUTURE-PROOF BUILDING

	<b>INTEGRA Façade</b> Light Weight Concrete	<b>INTEGRA Flooring</b>	<b>INTEGRA Fencing</b>	<b>GRAPHEX</b> Insulated Façade	<b>GRAPHEX</b> Solid	<b>GRAPHEX</b> Insulated Masonry	<b>Masonry Block</b>	<b>Fibre Cement</b>	<b>LifeRock</b>	<b>Brick</b>	<b>ICF</b> (Polystyrene Blocks)	<b>Tilt Panel</b>	<b>Milano</b> interior	<b>Earthen</b> interior	<b>Marakesh</b>
--	--	-------------------------	------------------------	---------------------------------	----------------------	----------------------------------	----------------------	---------------------	-----------------	--------------	---------------------------------	-------------------	------------------------	-------------------------	-----------------

Insulated	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○
Impact Resistance	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○
Acoustic	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○
Resene Colours	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
BRANZ	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Fire Tests	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FPB	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○
Full Render System	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Substrate supplied	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○
Acrylic Texture	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Mineral Texture	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Cavity System	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
GreenSite	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○
Masonry Construction	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○
Window Reveals	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

**Resene**   
Construction Systems

**ROCKCOTE**  **PSI**  
PLASTER SYSTEMS

0800 50 70 40

www.reseneconstruction.co.nz