

## PRODUCT INFORMATION SHEET

MAY 2018

**INEX>FLOOR** is a unique engineered cementitious composite flooring sheet suitable for both interior and exterior flooring applications.

**INEX>FLOOR** has a tongue and groove joint down each long side for a flush tight fit.

Designed primarily as a substrate for most finishes such as tiles, vinyl, carpet or timber, **INEX>FLOOR** is also suitable as a finished surface in itself\*.

For approved waterproofing and coating systems, refer to the COATINGS menu at [www.ubiq.com.au](http://www.ubiq.com.au).

**INEX>FLOOR** (Class 2 Concrete finish suitable for clear sealing) available on request\*.

\*See note on page 2.



PRODUCT	LENGTH (mm)	WIDTH (mm)	THICKNESS (mm)	Kg/m <sup>2</sup>	Kg/Sheet
<b>INEX&gt;FLOOR 16</b>	<b>2700</b>	<b>600</b>	<b>16</b>	<b>20.7</b>	<b>34</b>
<b>INEX&gt;FLOOR 16</b>	<b>1800</b>	<b>600</b>	<b>16</b>	<b>20.7</b>	<b>22</b>
<b>INEX&gt;FLOOR 19</b>	<b>2700</b>	<b>600</b>	<b>19</b>	<b>24.6</b>	<b>40</b>
<b>INEX&gt;FLOOR 19</b>	<b>1800</b>	<b>600</b>	<b>19</b>	<b>24.6</b>	<b>27</b>

### WEIGHT

At approx. 34kg (16mm) or 40kg (19mm) per sheet the **INEX>FLOOR** sheets are lightweight and easy to handle on site.

### PERFORMANCE

**INEX>FLOOR** can be cut and worked just like comparable fibre cement sheets, but offers improved bending strength characteristics and finish quality.

### NON-COMBUSTIBILITY & FRL

**INEX>FLOOR** is non-combustible and can be used in conjunction with floor systems to achieve FRL 90/90/90 in the down direction and up to BAL-FZ bushfire compliance. Refer to our **INEX>FLOOR** Floor Systems brochure.

### ACOUSTIC

**INEX>FLOOR** offers remarkable acoustic insulation performance. By example our floor system for Class 2 or 3 Type A construction on timber or steel frame delivers an  $R_w/R_w+C_{tr}$  of 62/58 (BCA for  $R_w+C_{tr}$  is >50). Please refer to our **INEX>FLOOR** Floor Systems brochure for further acoustic performances

### MATERIAL

**INEX>FLOOR** is an advanced high strength, low carbon fibre reinforced Engineered Cementitious Composite (ECC) product, containing 60% of post industrial recycled materials. It does not contain asbestos and is toxin free.

### VALUE

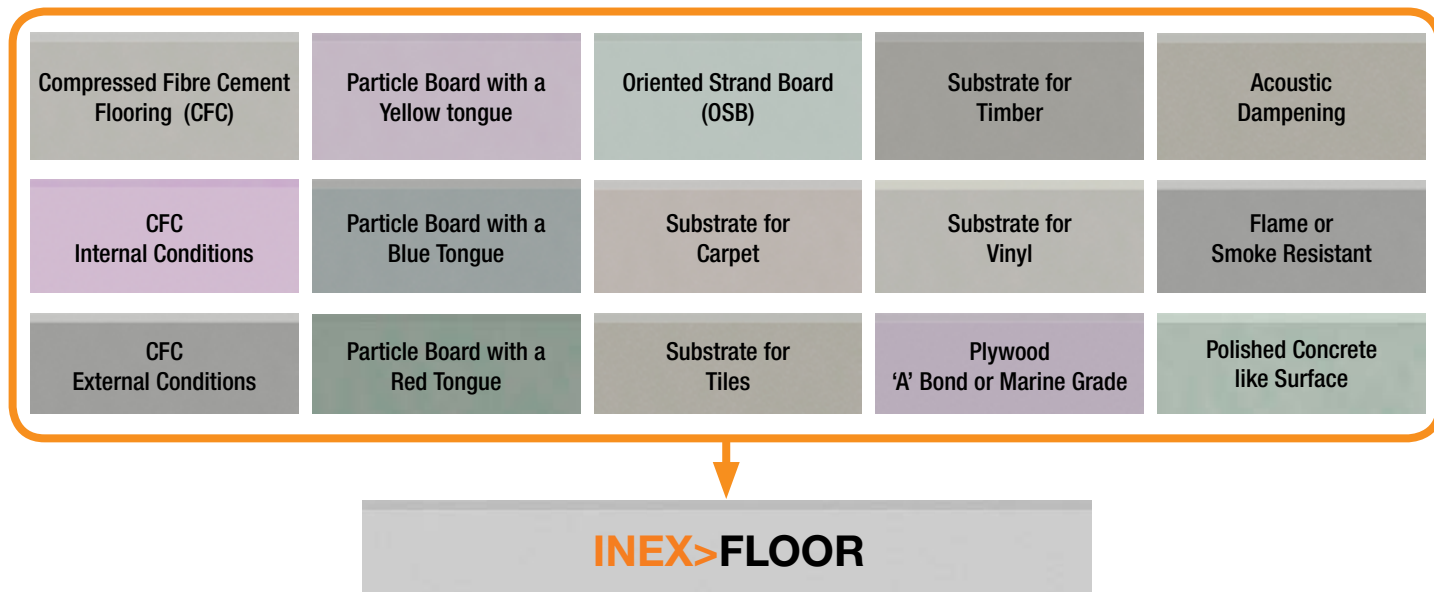
**INEX>FLOOR** is priced for value for the construction industry and competes strongly against all comparable products. For pricing, refer to UBIQ's website for your nearest stockist.



**INEX>FLOOR** for Tiled Decks and Balconies

# Selecting the right flooring product just got a whole lot simpler!

**INEX>FLOOR** replaces the many flooring products that are available and can be used for multiple internal and external applications.



SPAN & LOADING PROPERTIES						
INEX>FLOOR THICKNESS (mm)	JOIST SPACING (mm)					
	300		450		600	
	LIVE LOAD OR CONCENTRATED ACTION (kN)	UNIFORMLY DISTRIBUTED LOAD (kPa)	LIVE LOAD OR CONCENTRATED ACTION (kN)	UNIFORMLY DISTRIBUTED LOAD (kPa)	LIVE LOAD OR CONCENTRATED ACTION (kN)	UNIFORMLY DISTRIBUTED LOAD (kPa)
16	6.0	32.0	1.8	10.0	1.8*	4.5
19	10.0	55.0	4.5	16.5	2.7	7.0

\*Not suitable as a substrate for a tiled finish as under maximum load the maximum deflection at mid-span may be up to 3.3mm.

This SPAN & LOADING PROPERTIES table sets out the maximum permissible Concentrated Loads (kN) and Uniformly Distributed Loads (kPa) for both **INEX>FLOOR16** and **INEX>FLOOR19** over various joist spans. Unless noted otherwise, in all cases a deflection limit of span/200 under Serviceability Limit State loading has not been exceeded.

## HIGH STRENGTH BUT LIGHT

**INEX>FLOOR** is a high strength yet lightweight product weighing as little as 34kg per sheet. **INEX>FLOOR** 16mm is comparable in strength to other similar FC sheets at 19mm thickness.

## DURABILITY

**INEX>FLOOR** is long-term durable and is warranted for 20 years. In the "Soak Dry" test item 6.6 of AS/NZS 2908.2:2000, **INEX>FLOOR** performs to a mean MPa of >20; test undertaken in accordance with clause 8.2.5 of AS/NZS 2908.2:2000. This represents a test pass at over 80% of the dry strength retained after 25 soak-dry cycles.

**INEX>FLOOR** remains stable and true as a substrate material.

## LOW CARBON

**INEX>FLOOR** is a low carbon product containing about 40% of the embodied energy of equivalent portland cement derived products.

## ASBESTOS AND TOXIN FREE

**INEX>FLOOR** does not contain any toxins and is asbestos free.

## MOULD & TERMITE RESISTANCE

**INEX>FLOOR** is resistant to mould and termite attack.

## SUPERIOR FINISH

**INEX>FLOOR** provides a polished concrete like surface suitable as a quality finish in itself. Class 2 Concrete finish suitable for clear sealing available on request, see note below.

### Important note: **INEX>FLOOR** as a 'POLISHED CONCRETE' FINISH

Whilst **INEX>FLOOR** is primarily a substrate product designed for use under; tiles, carpet and other floor finishes for which it must be fitted rough side up, it can also be used smooth side up to generate a polished concrete appearance. Market response for this use has become significant, however as **INEX>FLOOR** is manufactured from a range of recycled raw materials it can vary in surface finish and colour. To ensure customer satisfaction should a polished concrete floor use be specified or wanted UBIQ requires that this request be placed directly to UBIQ prior to purchase. UBIQ will then ensure that a premium grade **INEX>FLOOR** that is fit for use as a polished concrete surface is delivered to the customer's **INEX>FLOOR** point of purchase.

Due to the cementitious nature of **INEX>BOARDS** some superficial pin-holing may occur. The **smooth side** of **INEX>FLOOR** is characterised as a **Class 2** concrete finish.