



ASPECT VIVID

NON-COMBUSTIBLE SOFFIT TILE SYSTEM



NON-COMBUSTIBLE PRE-FINISHED ACOUSTIC SOFFIT PANEL SYSTEM

We are all about Fire Safety first!

Aspect Vivid soffit panel is compliant to AS1530.1, AS1530.4 and AS5637-GROUP 1 that is an alternative product to **Rigid Board** and other **combustible** insulation. Fire safety to the building and its occupants is paramount. Aspect Vivid has superior acoustic and insulation properties which reduce insurance premiums and complies with OH&S Legislation, over and above the BCA. With high acoustic performance lowering the exposure of harmful noise, non-combustible performance lowering the risk of fire and spread of flame, breath-ability reducing the risk of mould growth and increasing air hygiene.

It's 2024 and times have dramatically changed with potential fire risks as now the safety of our buildings and occupants are paramount.

With the introduction of electric EV recharging stations adding additional fuel loads and fire risks in basement carparks adds a new fuel source we all need to consider.

Lithium batteries in EV Cars are deadly if exposed to fire and very difficult to extinguish in a fire.

Major insurance companies are increasing pressure to ensure all exposed insulation complies to **both AS1530.1 and AS5637.1 Group 1** despite what the BCA allows for minimum Group 2 fire rating. Insurance premiums will continue to increase.

The majority of specifications are still combustible PIR rigid foil facing insulation, which are extremely toxic when ignited. PIR is deemed to be combustible insulation, which is commonly used.

Aspect Vivid is pre-finished any RAL colours, non-combustible, high acoustic and thermal properties with the highest global accreditation for health and environmental via Global Greentag.



STONEWALL PLATINUM

ASPECT VIVID SOFFIT PANEL

QUICK STANDARDS AND SPECIFICATIONS DATA REFERENCE

The ASPECT VIVID® panel system has been designed for protected external areas such as ceilings and soffits and delivers a world-class insulation with acoustic, thermal and non-combustible properties.

ASPECT VIVID® is an architecturally designed pre-finished panel, which is super lightweight and easily installed using adhesive and mechanical fixings to a concrete substrate/top hat sections to achieve a ceiling tile effect.

The white pre-finished coating on the face of the ASPECT VIVID® panel has been designed to diffuse and optimise available light without resultant glare. ASPECT VIVID® comes in a wide variety of pre-finished painted colours.

ACOUSTIC

BCA Section F Part F5

NRC: Noise Reduction Coefficient

BCA Section F Part F5 Sound transmission and insulation

Thickness mm	Density kg/m ³	Acoustic Performance	
		NRC	CAC
60	160	0.85	34
75	160	0.85	36
100	160	0.85	36
120	160	0.85	37

Aspect Vivid acoustic panel has world class Rw and Rw+Ctr sound insulation performance. Outstanding sound absorption and reduction sound reverberation time and improved acoustic spatial amenity values.

FIRE

BCA Section C

World class fire properties reduces all the risks. It is critical to have non-combustible linings that cannot contribute to flame spreading especially in commercial public buildings.

Aspect Vivid has no fire risk to occupants or emergency personal.

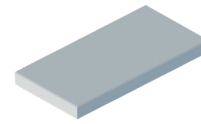
Group 1 face (Tested) AS3837 AS5637

Non-combustible core (Tested) 1530.1

Fire Resistance Level (FRL) (Tested) -/60/30 1530.4

Aspect Vivid Non-combustible Terrawool volcanic stone core has outstanding low fire load (>1.5MJ/kg) with melting point over 1000deg and will not auto ignite which will contain the spread of flame and release no toxic smoke.

Aspect Vivid will contain and not support fire growth.

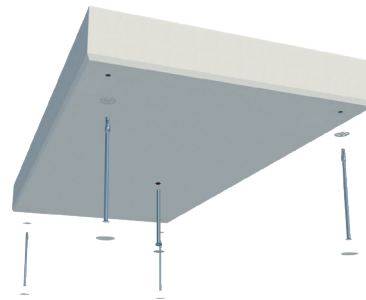


ASPECT VIVID® Panel

The ASPECT VIVID® panel is 1200mm long and 600mm wide. The thickness of the tile is available in 60mm, 75mm, 100mm or 120mm.

The edge of each tile has a 10mm x 5mm bevel around the perimeter.

Standard fixing method - refer the installation guide



For flashing, capping, weatherproofing, finishing, trims, service penetrations refer to the installation guide.

THERMAL

BCS Section J

Aspect Vivid does not absorb moisture or reacts to temperature change. It will not expand, contract or distort the panel. Thermal insulation is contained and held for the life of the panel.

Thermal Properties				
Thickness mm	Weight kg	R-Value	R-Value	R-Value
		Winter (15°C)	Rating (23°C)	Summer (30°C)
60	6.91	1.68	1.62	1.56
75	8.64	2.11	2.02	1.95
100	11.52	2.81	2.70	2.60
120	13.82	3.37	3.23	3.12

MOISTURE

Testing conducted by AWTA to determine the absorption properties of Aspect Vivid panels under conditions of high humidity. This resulted in a total increase of mass by 0.33% and as such considered **highly resistant to conditions of high humidity maintaining its appearance, fire and thermal properties.**

EMISSIONS TEST

Green Building Council of Australia Approved

ATSM D5116-17 (Tested)

Low VOC/Formaldehyde emissions

