SPECIFICATION TEMPLATE
IROCK PLUS Non-combustible, White-Faced Soffit Insulation

Insulation Material:
The under-slab soffit insulation shall be IROCK PLUS ____ mm thick, with a thermal value of R____, non-combustible insulation in accordance with AS 1530.1, Group 1 rated in accordance with AS 5637.1, with a tested average specific extinction of <250m2/kg with a FIRESPAN white-facer which is deemed-to-satisfy non-combustible in accordance with NCC 2022, clause C2D10(6)(f), with a tested flammability index of <5 and thickness <1mm, bonded together to form a white-faced insulation board which is deemed-to-satisfy non-combustible in accordance with NCC 2022 Clause C2D10(6)(g), supplied by Blue Chip Group Pty Ltd (Ph: 1300 945 123).

NO ALTERNATIVE MATERIALS WILL BE ACCEPTED FOR THIS PROJECT

Fire Properties:
IROCK PLUS white-faced insulation board is a deemed-to-satisfy non-combustible material when tested to AS1530.1 and AS1530.3 as per the requirements of NCC 2022 Clause C2D10(6)(g). Furthermore, it achieves a Group 1 rating when tested in accordance with AS 5637.1.

ITEM	TEST STANDARD	UNIT	RESULT
DTS Non-combustible	NCC 2022	C2D10(6)(g)	Pass
DTS Facer Non-combustible	NCC 2022	C2D10(6)(f)	Pass
Facer Flammability Index	AS 1530.2	AWTA	<5
Spread of Flame Index	AS 1530.3	AWTA	0
Smoke Developed Index	AS 1530.3	AWTA	0-1
Group Rating	AS 5637.1	AWTA	1
Average Specific Extinction Area	AS 5637.1	AWTA	<250 m2/kg

Physical Properties:
- Bulk Density: ±100kg/m3
- Compressive Strength: ≥10 KN/m2
- Service Temperature: <850°C
- Melting Temperature: <1000°C
- Moisture Absorption: <1.1%
- Thermal Conductivity: 0.036 W/mK
- Acoustic Performance: NRC 1.0

Thickness & Material R-value:

IROCK PLUS (mm)	30	40	50	60	80	100	120	140
Material R-Value	0.83	1.11	1.39	1.67	2.22	2.78	3.33	3.89

Installation:
The IROCK PLUS non-combustible white-faced soffit insulation shall be installed as per the manufacturer's recommendations to the underside of the concrete slab to comply with NCC 2022. If a facer is NOT required, for example, in un-exposed applications, consider specifying standard IROCK which has no facer and will provide cost savings.

Product Warranty:
A project specific warranty provided by Blue Chip Group Pty Ltd shall be submitted. All work to be carried out in accordance with the manufacturer's recommendations.