

ANNEX

B

CODE OF PRACTICE
004.3:2017

LABELLING OF INSULATED PANELS



Insulated Panel Council
Australasia Ltd

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LABELLING OF INSULATED PANELS

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LABELLING OF INSULATED PANELS

INTRODUCTION

Code of Practice Compliant structures will be identified with a labelling system. This system requires a key diagram, a numbered Compliance Plate and Insulated Panels to be labelled with labels that identify Panel core types which are provided by the Code Facilitator. The Panel labels will be located at all doorways in the Code Compliant Areas of the facility. The purpose of the labels is to assist fire fighters and other interested parties such as Insurance Assessors, Managers and Fire Wardens in understanding the type of Panel and the fixing systems utilized in the construction of the facility and their locations. This will enable pre-incident planning and assessment of the likely performance of the systems utilized in particular locations throughout the facility to be more accurate.

The CODE labelling system has the following three components:

1.0 KEY DIAGRAM

A key diagram no less than A3 in size and indicating the type of Panels used in the walls and ceilings or roof, shall be located at the Fire Indicator Panel (FIP) along with the Code Compliance Plate (see page 58).

2.0 PANEL LABELS

- (a) Labels A5 in size will be placed on each side of the doors in a central easily read location at eye level indicating the type of Panel used in the construction of the room which you are entering. Labels are to be attached both externally and internally in the case of an entry into a room from outdoors.
- (b) Labels will be UV resistant and suitable for wash down areas and will indicate:
 - (i) The type of Panel, the test method, result and whether it is Code Compliant. The label will include the core material type and the NCC Group Classification from C1.10a of the NCC i.e. Group 1, Group 1 + Plus Code Compliant Group 2 (for existing sections only) FRL/.. and the stability and construction methods.
 - (ii) Test details - AS/ISO 9705, AS 1530 PT 4.
 - (iii) Identification for the following Panel Core types (see from page 59 for examples of labels):
 - EPS
 - EPS-FR
 - XPS
 - PIR
 - MRF
 - SPS
- (c) In regards to the application of the labels, other important aspects of the labelling systems include:
 - (i) Only Code Compliant Companies can apply labels which

can be obtained only from the Code Facilitator and will be strictly controlled.

- (ii) Existing facilities or existing sections of facilities being extended can be made to be Code Compliant. In some circumstances, the facility can be retro fitted to become Code Compliant. The Panels used will have to be able to be traced and certified by a Code Compliant Manufacturer or the Panel tested to the satisfaction of the Code Facilitator and the Code Compliance Committee to prove that it is compliant.
- (iii) The number of labels required will depend on the number of rooms, doors and the number of different Panel types used.
- (iv) Alterations must be carried out by a Code Compliant Company and recorded on the diagram and labels affixed to maintain ongoing Code Compliance.
- (v) In the event that the ceiling is of different Panel to the walls, a second label will be applied to the wall adjacent to the door indicating the type of Panel and its construction.
- (vi) The label will include the Code Compliance Logo and contact details.

3.0 NUMBERED CODE COMPLIANCE PLATE

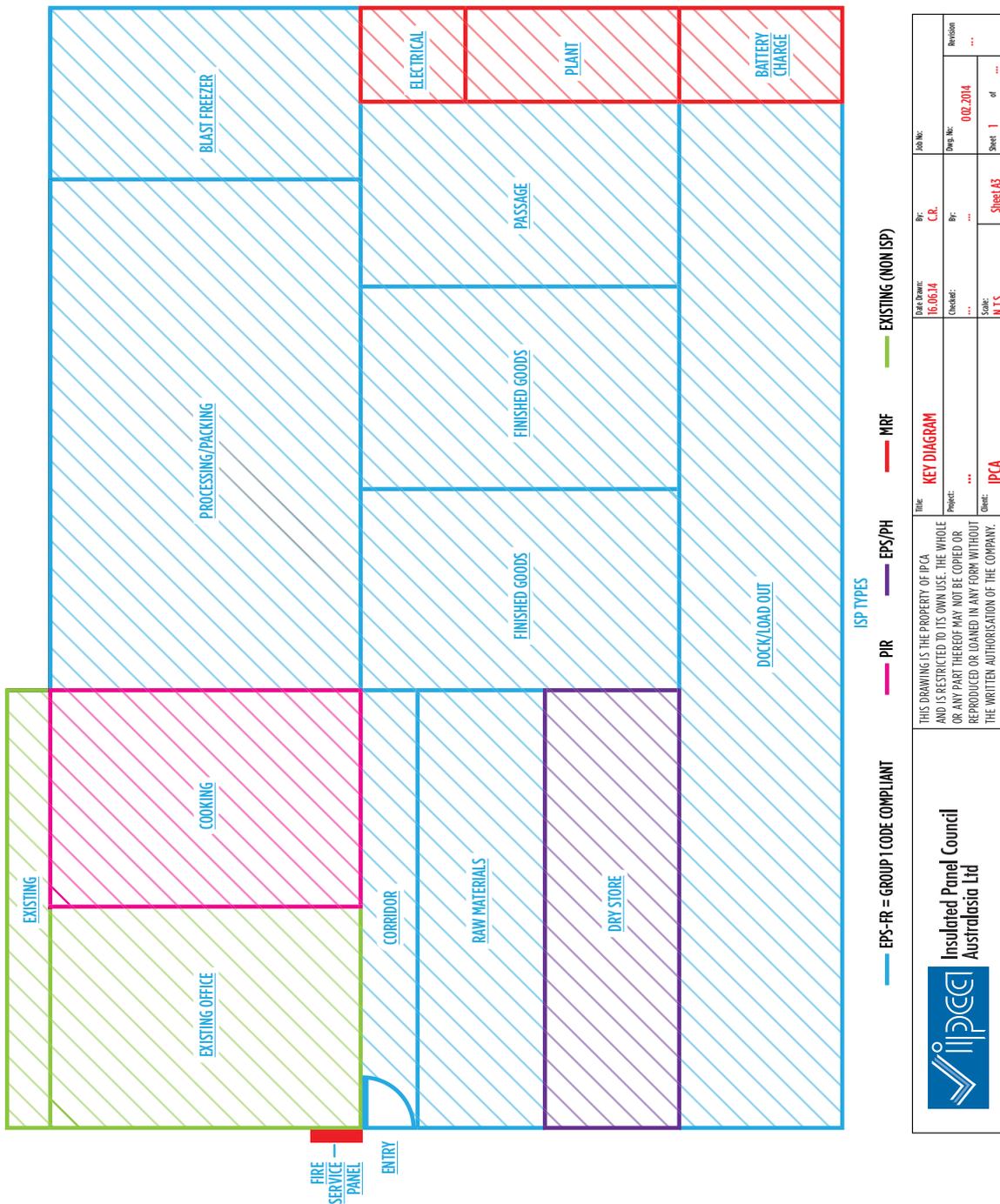
A numbered Code Compliance Plate will be fixed adjacent to the key diagram and will coincide with the Certificates (copies of the key diagram should be attached to the Certificate) and register, as well as the notice to the local fire services authorities (see page 58 for example).

BENEFITS OF CODE COMPLIANCE AND LABELLING

- (a) Increases fire fighter confidence;
- (b) Reminds Building Owners and Tenants to manage occupancy and process risks;
- (c) Allows more accurate Risk Assessment;
- (d) Reminds owners to maintain the construction level to keep the existing performance level and not inadvertently alter the performance, during alterations and additions;
- (e) Encourages more active fire fighting;
- (f) Makes the building more insurable;
- (g) Reduces losses;
- (h) Presents a holistic plan to address the issues rather than a 'One Fix' solution; and
- (i) Promotes a responsible collaboration between Regulators, Authorities, the Insulated Panel Industry, Insurance Companies and Insulated Panel facility users and owners.

LABELLING OF INSULATED PANELS

1. EXAMPLE OF KEY DIAGRAM



LABELLING OF INSULATED PANELS

2.1 NUMBERED CODE COMPLIANCE PLATE — CLASS 7 AND 8



CODE COMPLIANT COMPANY'S OWN
PROJECT NUMBER.

NUMBER ALLOCATED BY THE CODE
FACILITATOR, WHICH WILL BE ON THE
PLATE WHEN ISSUED.

QUALIFICATION STATEMENT.

2.2 NUMBERED CODE COMPLIANCE PLATE — OTHER CLASSES/SMALL ROOMS < 20m²



NUMBER ALLOCATED BY THE CODE
FACILITATOR, WHICH WILL BE ON THE
PLATE WHEN ISSUED.

QUALIFICATION STATEMENT.

2.3 PROMOTIONAL LOGO

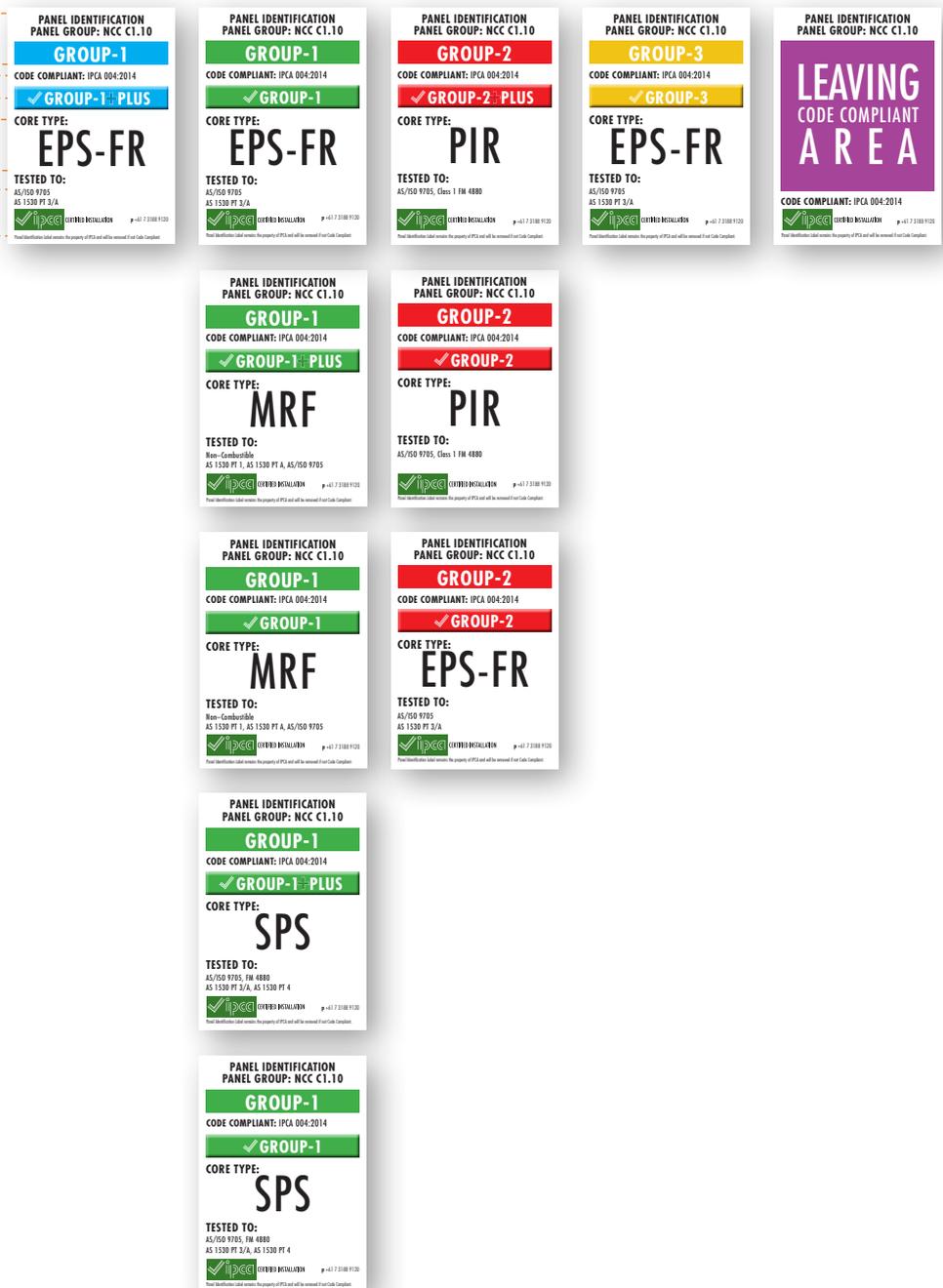


EXAMPLE OF
PROMOTION LOGO.

LABELLING OF INSULATED PANELS

3. OVERVIEW OF CODE BRANDING LABELLING

NCC GROUP
CODE COMPLIANT
ADDITIONAL MEASURES
CORE TYPE,
SEE DEFINITION BELOW
TESTED TO AUSTRALIAN AND
INTERNATIONAL STANDARDS
QUALIFICATION
STATEMENT

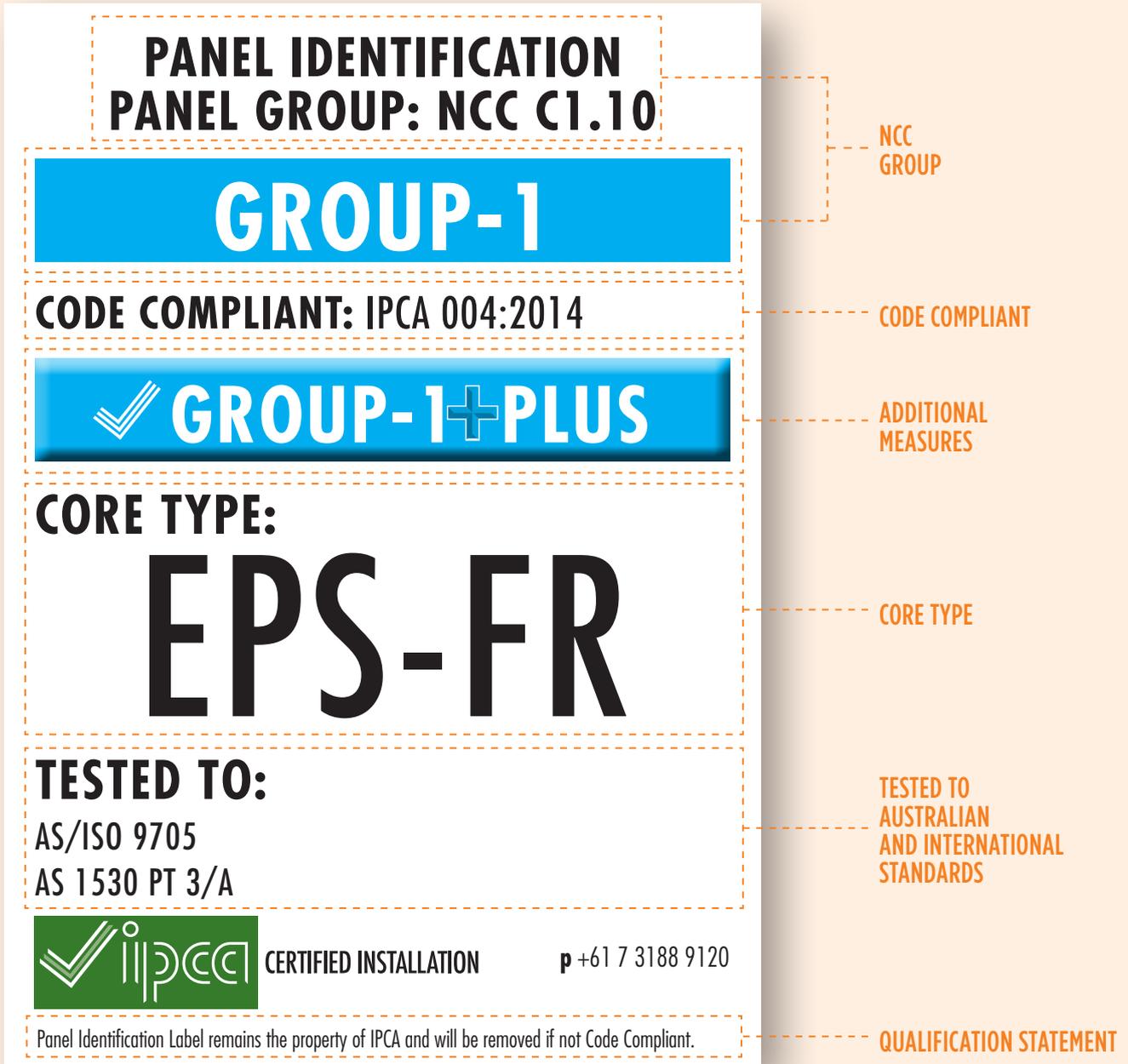


EXAMPLES OF CORE TYPES:

- EPS** Expanded Polystyrene
- EPS-FR** Expanded Polystyrene Fire Retardant
- XPS** Extruded Polystyrene
- PIR** Polyisocyanurate
- MRF** Mineral Fibre
- SPS** EPS Phenolic Hybrid (Syntactic)

LABELLING OF INSULATED PANELS

3.1 LABELLING FOR EPS-FR* (GROUP-1+PLUS) CORE TYPE



PANEL IDENTIFICATION
PANEL GROUP: NCC C1.10

GROUP-1

CODE COMPLIANT: IPCA 004:2014

 **GROUP-1+PLUS**

CORE TYPE:
EPS-FR

TESTED TO:
AS/ISO 9705
AS 1530 PT 3/A

 **CERTIFIED INSTALLATION** p +61 7 3188 9120

Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.

NCC GROUP

CODE COMPLIANT

ADDITIONAL MEASURES

CORE TYPE

TESTED TO AUSTRALIAN AND INTERNATIONAL STANDARDS

QUALIFICATION STATEMENT

*Expanded Polystyrene Fire Retardant

LABELLING OF INSULATED PANELS

3.2 LABELLING FOR EPS-FR* (GROUP-1) CORE TYPE

PANEL IDENTIFICATION PANEL GROUP: NCC C1.10		NCC GROUP
GROUP-1		CODE COMPLIANT
CODE COMPLIANT: IPCA 004:2014		ADDITIONAL MEASURES
 GROUP-1		CORE TYPE
CORE TYPE: EPS-FR		TESTED TO AUSTRALIAN AND INTERNATIONAL STANDARDS
TESTED TO: AS/ISO 9705 AS 1530 PT 3/A		QUALIFICATION STATEMENT
 CERTIFIED INSTALLATION	p +61 7 3188 9120	
Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.		

*Expanded Polystyrene Fire Retardant

LABELLING OF INSULATED PANELS

3.3 LABELLING FOR MRF* (GROUP-1+PLUS) CORE TYPE

PANEL IDENTIFICATION PANEL GROUP: NCC C1.10	NCC GROUP	
GROUP-1		
CODE COMPLIANT: IPCA 004:2014	CODE COMPLIANT	
 GROUP-1+PLUS	ADDITIONAL MEASURES	
CORE TYPE: MRF	CORE TYPE	
TESTED TO: Non-Combustible AS 1530 PT 1, AS 1530 PT A, AS/ISO 9705	TESTED TO AUSTRALIAN AND INTERNATIONAL STANDARDS	
 CERTIFIED INSTALLATION	p +61 7 3188 9120	
Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.		QUALIFICATION STATEMENT

*Mineral Fibre

LABELLING OF INSULATED PANELS

3.4 LABELLING FOR MRF* (GROUP-1) CORE TYPE

PANEL IDENTIFICATION PANEL GROUP: NCC C1.10	NCC GROUP
GROUP-1	CODE COMPLIANT
CODE COMPLIANT: IPCA 004:2014	ADDITIONAL MEASURES
 GROUP-1	CORE TYPE
CORE TYPE: MRF	TESTED TO AUSTRALIAN AND INTERNATIONAL STANDARDS
TESTED TO: Non-Combustible AS 1530 PT 1, AS 1530 PT A, AS/ISO 9705	QUALIFICATION STATEMENT
 CERTIFIED INSTALLATION p +61 7 3188 9120	
Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.	

*Mineral Fibre

LABELLING OF INSULATED PANELS

3.5 LABELLING FOR SPS* (GROUP-1+PLUS) CORE TYPE

PANEL IDENTIFICATION
PANEL GROUP: NCC C1.10

GROUP-1

CODE COMPLIANT: IPCA 004:2014

GROUP-1+PLUS

CORE TYPE:
SPS

TESTED TO:
 AS/ISO 9705, FM 4880
 AS 1530 PT 3/A, AS 1530 PT 4



CERTIFIED INSTALLATION

p +61 7 3188 9120

Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.

NCC GROUP

CODE COMPLIANT

ADDITIONAL MEASURES

CORE TYPE

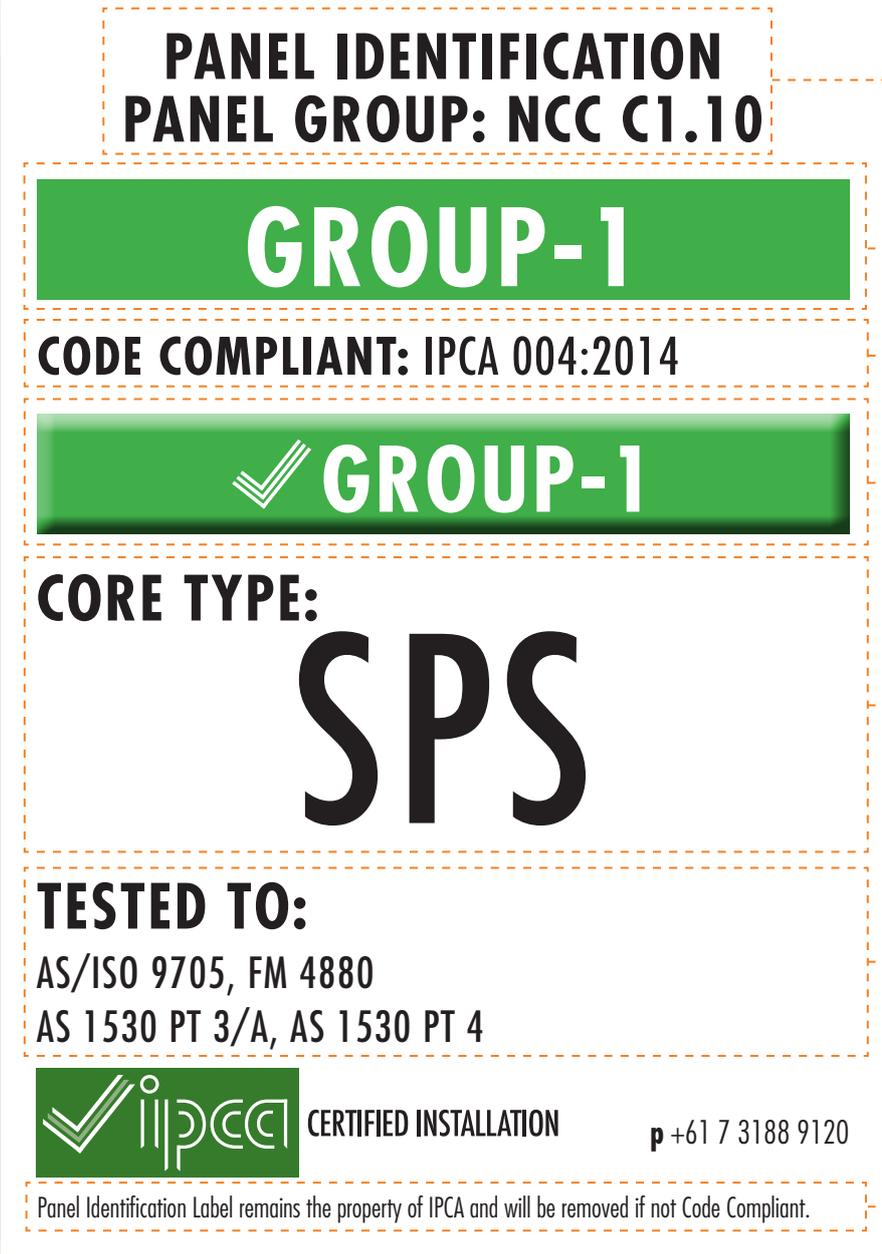
TESTED TO AUSTRALIAN AND INTERNATIONAL STANDARDS

QUALIFICATION STATEMENT

* EPS Phenolic Hybrid Syntactic

LABELLING OF INSULATED PANELS

3.6 LABELLING FOR SPS* (GROUP-1) CORE TYPE



PANEL IDENTIFICATION
PANEL GROUP: NCC C1.10

GROUP-1

CODE COMPLIANT: IPCA 004:2014

GROUP-1

CORE TYPE:
SPS

TESTED TO:
AS/ISO 9705, FM 4880
AS 1530 PT 3/A, AS 1530 PT 4

 **CERTIFIED INSTALLATION** p +61 7 3188 9120

Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.

NCC GROUP

CODE COMPLIANT

ADDITIONAL MEASURES

CORE TYPE

TESTED TO AUSTRALIAN AND INTERNATIONAL STANDARDS

QUALIFICATION STATEMENT

* EPS Phenolic Hybrid Syntactic

LABELLING OF INSULATED PANELS

3.7 LABELLING FOR PIR* (GROUP-2+PLUS) CORE TYPE

PANEL IDENTIFICATION PANEL GROUP: NCC C1.10	NCC GROUP
GROUP-2	CODE COMPLIANT
CODE COMPLIANT: IPCA 004:2014	ADDITIONAL MEASURES
 GROUP-2+PLUS	CORE TYPE
CORE TYPE: PIR	TESTED TO AUSTRALIAN AND INTERNATIONAL STANDARDS
TESTED TO: AS/ISO 9705, Class 1 FM 4880	
 CERTIFIED INSTALLATION	p +61 7 3188 9120
Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.	QUALIFICATION STATEMENT

* Polyisocyanurate

LABELLING OF INSULATED PANELS

3.8 LABELLING FOR PIR* (GROUP-2) CORE TYPE

PANEL IDENTIFICATION PANEL GROUP: NCC C1.10	NCC GROUP
GROUP-2	CODE COMPLIANT
CODE COMPLIANT: IPCA 004:2014	ADDITIONAL MEASURES
 GROUP-2	CORE TYPE
CORE TYPE: PIR	TESTED TO AUSTRALIAN AND INTERNATIONAL STANDARDS
TESTED TO: AS/ISO 9705, Class 1 FM 4880	QUALIFICATION STATEMENT
 CERTIFIED INSTALLATION p +61 7 3188 9120	
Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.	

* Polyisocyanurate

LABELLING OF INSULATED PANELS

3.9 LABELLING FOR EPS-FR* (GROUP-2) CORE TYPE

PANEL IDENTIFICATION PANEL GROUP: NCC C1.10	NCC GROUP
GROUP-2	CODE COMPLIANT
CODE COMPLIANT: IPCA 004:2014	ADDITIONAL MEASURES
 GROUP-2	CORE TYPE
CORE TYPE: EPS-FR	TESTED TO AUSTRALIAN AND INTERNATIONAL STANDARDS
TESTED TO: AS/ISO 9705 AS 1530 PT 3/A	QUALIFICATION STATEMENT
 CERTIFIED INSTALLATION	p +61 7 3188 9120
Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.	

*Expanded Polystyrene Fire Retardant

LABELLING OF INSULATED PANELS

3.10 LABELLING FOR EPS-FR* (GROUP-3) CORE TYPE

PANEL IDENTIFICATION PANEL GROUP: NCC C1.10	NCC GROUP
GROUP-3	CODE COMPLIANT
CODE COMPLIANT: IPCA 004:2014	ADDITIONAL MEASURES
 GROUP-3	CORE TYPE
CORE TYPE: EPS-FR	TESTED TO AUSTRALIAN AND INTERNATIONAL STANDARDS
TESTED TO: AS/ISO 9705 AS 1530 PT 3/A	QUALIFICATION STATEMENT
 CERTIFIED INSTALLATION	p +61 7 3188 9120
Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.	

*Expanded Polystyrene Fire Retardant

LABELLING OF INSULATED PANELS

3.11 LABELLING FOR EXITING CODE COMPLIANT AREA

PANEL IDENTIFICATION
PANEL GROUP: NCC C1.10

NCC
GROUP

LEAVING
CODE COMPLIANT
AREA

CODE COMPLIANT: IPCA 004:2014

CODE COMPLIANT



CERTIFIED INSTALLATION

p +61 7 3188 9120

Panel Identification Label remains the property of IPCA and will be removed if not Code Compliant.

QUALIFICATION STATEMENT