Z-angle
Fixing System

Induracore G2

ALUMINIUM LAMINATED PANELS

1. VERTICAL PANEL JOINT

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

INDURAFIX 2ND FIX Z

SEALANT

PANELTEC INDURACORE G2

SEALANT ON
BACKING ROD (SABRE
SEAL, MS FACADE)

12-14mm

INDURAFIX 1ST FIX Z

2. HORIZONTAL PANEL JOINT

SCALE 1:2 @ A4

PANELTEC INDURACORE G2

PACKERS
AS REQUIRED

INDURAFIX 1ST FIX Z

SEALANT ON BACKING
ROD (SABRE SEAL, MS FACADE)

INDURAFIX 2ND FIX Z

SPECIFIED RAB / BUILDING WRAP

12-14mm

20mm

20mm

3. INTERNAL PANEL CORNER

SCALE 1:2 @ A4

PACKERS AS REQUIRED

INDURAFIX 2ND FIX Z

SEALANT ON BACKING ROD (SABRE SEAL, MS FACADE)

SPECIFIED RAB / BUILDING WRAP

BACK FLASHING

PANELTEC INDURACORE G2

20mm

12-14mm

20mm

INDURAFIX 1ST FIX Z

4. EXTERNAL CORNER

SCALE 1:2 @ A4

FIXING ANGLE BEYOND
INDICATED DASHED

CLEATS AT PANEL FOLDS
(FACTORY FITTED)

FIXING ANGLE BEYOND
INDICATED DASHED

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING WRAP

PACKERS
AS REQUIRED

20mm

20mm

5. SLAB JUNCTION HEAD

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

INDURAFIX 2ND FIX Z

SEALANT ON BACKING ROD
(SABRE SEAL, MS FACADE)

12-14mm

20mm

CONCRETE STRUCTURE

INTERNAL LININGS

6. SLAB JUNCTION BASE

SCALE 1:2 @ A4

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING WRAP

FLASHING TAPE LAPPED
OVER ANGLE

FOLDED ACM CLOSER
WITH PRE DRILLED
DRAINAGE HOLES

8mm DRAINAGE HOLES

SEALANT BEAD

20mm

50mm MIN.

CONCRETE STRUCTURE

INTERNAL
LININGS

7. SLAB JUNCTION BASE (2)

SCALE 1:2 @ A4

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING WRAP

FLASHING TAPE LAPPED
OVER ANGLE

FOLDED ACM CLOSER
WITH PRE DRILLED
DRAINAGE HOLES

FACTORY PANEL RIVET
WITH L-BRACKET

8mm DRAINAGE HOLES

20mm

50mm MIN.

CONCRETE STRUCTURE

INTERNAL
LININGS

8. WALL TO FLOOR DETAIL

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

INDURAFIX 2ND FIX Z

SEALANT ON BACKING ROD
(SABRE SEAL, MS FACADE)

12-14mm

20mm

CONCRETE STRUCTURE

INTERNAL LININGS

9. WALL ABUTMENT

SCALE 1:2 @ A4

PANELTEC INDURACORE G2

SEALANT ON BACKING ROD
(SABRE SEAL, MS FACADE)

INDURAFIX 2ND FIX Z

TEK SCREW (TYP.)

L-BRACKET FIXED
TO STRUCTURE

20mm

12-14mm

10. MASONRY WALL JUNCTION

SCALE 1:2 @ A4

SPECIFIED RAB /
BUILDING WRAP

PANELTEC INDURACORE G2

INDURAFIX 2ND FIX Z

SEALANT ON BACKING ROD
(SABRE SEAL, MS FACADE)

20mm

12-14mm

11. FIBRE CEMENT JUNCTION

SCALE 1:2 @ A4

FIBRE CEMENT SHEET

SEALANT ON BACKING ROD
(SABRE SEAL, MS FACADE)

INDURAFIX 2ND FIX Z

BACK FLASHING

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING
WRAP

INTERNAL
LININGS

12-14mm

20mm

12. INTERNAL CORNER - VERTICAL PROFILED METAL JUNCTION

INTERNAL LININGS

12-14mm

20mm

SPECIFIED RAB / BUILDING WRAP

VERTICAL PROFILED METAL CLADDING (BY OTHERS)

FLASHING (BY OTHERS)

SEALANT ON BACKING ROD (SABRE SEAL, MS FACADE)

INDURAFIX 2ND FIX Z

PANELTEC INDURACORE G2

HORIZONTAL PROFILED
METAL CLADDING (BY
OTHERS)

SEALANT ON BACKING ROD
(SABRE SEAL, MS FACADE)

CORNER FLASHING
(BY OTHERS)

INDURAFIX 2ND FIX Z

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING
WRAP

12-14mm

20mm

INTERNAL
LININGS

14a. WALL / SOFFIT JUNCTION & DOWNPIPE PENETRATION (OPTION 1)

SCALE 1:2 @ A4
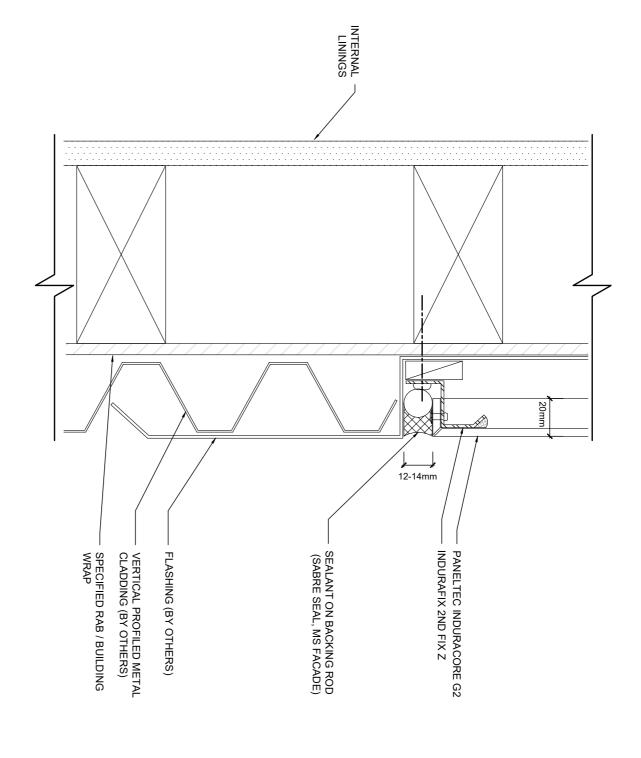
SOFFIT FRAMING TO BE AT 450mm CTRS MAX.

DOWNPIPE OR OVERFLOW (BY OTHERS)

SEALANT ON BACKING ROD (SABRE SEAL, MS FACADE)

INDURAFIX 2ND FIX Z

INDURAFIX 1ST FIX Z

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING WRAP

20mm

INTERNAL LININGS

14b. WALL / SOFFIT JUNCTION & DOWNPIPE PENETRATION (OPTION 2)

SCALE 1:2 @ A4

SOFFIT FRAMING TO BE AT
450mm CTRS MAX.

PENETRATION TO BE CUT
AROUND ON SITE AND COVE
SEALED (BY PANELTEC /
RECOMMENDED INSTALLER)

DOWNPIPE OR OVERFLOW
(BY OTHERS)

SEALANT ON BACKING ROD
(SABRE SEAL, MS FACADE)

INDURAFIX 2ND FIX Z

L-BRACKET FIXED TO STRUCTURE,
ON PACKERS AS REQUIRED

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING
WRAP

20mm

INTERNAL
LININGS

15. DETAIL AT PRECAST CONCRETE WALL

SCALE 1:2 @ A4

PRECAST CONCRETE
WALL (BY OTHERS)

SEALANT ON
BACKING ROD (SABRE
SEAL, MS FACADE)

INDURAFIX 2ND FIX Z

TEK SCREW (TYP.)

PANELTEC INDURACORE G2

L-BRACKET FIXED TO STRUCTURE WITH
NYLON PLUGS

SPECIFIED RAB / BUILDING
WRAP

INTERNAL
LININGS

12-14mm

15
MIN

20mm

16. VERTICAL PROFILED METAL JUNCTION

SCALE 1:2 @ A4

INTERNAL
LININGS

20mm

12-14mm

SPECIFIED RAB / BUILDING
WRAP

VERTICAL PROFILED METAL
CLADDING (BY OTHERS)

FLASHING (BY OTHERS)

SEALANT ON BACKING ROD
(SABRE SEAL, MS FACADE)

PANELTEC INDURACORE G2
INDURAFIX 2ND FIX Z

17. PARAPET

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

PACKER

FACTORY FITTED CLEATS AT PANEL FOLDS

STAINLESS STEEL SCREW

20mm

5°
MIN

40 MIN.

75 MIN. COVER

ROOF MEMBRANE

8mm DRAINAGE HOLES 50mm FROM PANEL ENDS

CONTINUOUS UNDERFLASHING AT JOINTS

18. PARAPET WITH MINIMAL UPSTAND

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

PACKER

FACTORY FITTED CLEATS AT PANEL FOLDS

STAINLESS STEEL SCREW

20mm

5°
MIN

20

35 MIN.

16

ROOF MEMBRANE ON PLY

8mm DRAINAGE HOLES 50mm FROM PANEL ENDS

CONTINUOUS UNDERFLASHING AT JOINTS

19. FASCIA TO SOFFIT

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

PACKER

FACTORY FITTED CLEATS AT PANEL FOLDS

L-BRACKET FIXED TO STRUCTURE

8mm DRAIN HOLE WITH GROMMETS

20mm

12-14mm

TEK SCREW (TYP.)

INDURAFIX 2ND FIX Z

SEALANT ON BACKING ROD (SABRE SEAL, MS FACADE)

SOFFIT

ROOF MEMBRANE

20. ACM FASCIA TO SOFFIT

SCALE 1:2 @ A4

PANELTEC INDURACORE G2

PACKER

SPECIFIED RAB / BUILDING WRAP

FACTORY FITTED CLEATS AT PANEL FOLDS

8mm DRAIN HOLE WITH GROMMETS

INDURAFIX 1ST FIX Z

20mm

12-14mm

INDURAFIX 2ND FIX Z

SEALANT ON BACKING ROD (SABRE SEAL, MS FACADE)

SOFFIT

21. TYPICAL EYEBROW SILL

SCALE 1:2 @ A4

JOINERY, PACKING, AIR SEAL
& FLEX. FLASHING TAPE BY
OTHERS

JOINERY SEALED TO PANEL
(SABRE SEAL, MS FACADE)

PANEL FIXED TO
STRUCTURE

0.9 AL. BACK FOLD
SUPPORT

FACTORY FITTED CLEATS
AT PANEL FOLDS

SOAKERS AT PANEL JOINTS

PANELTEC INDURACORE G2

PACKERS BEYOND AT
PANEL JOINTS

PACKERS AS REQUIRED

FACTORY FITTED CLEATS
AT PANEL FOLDS

8mm DRAINAGE HOLE
WITH GROMMETS, 50mm
FROM PANEL ENDS

FACTORY PANEL RIVET
WITH L-BRACKET

TEK SCREW (TYP.)

BUILDING STRUCTURE

300 MIN. TO
ADJACENT
GROUND FOR
FIXING ACCESS

40
NOM.

40
NOM.

40
NOM.

20mm

MIN. 5°

15mm MIN. CLEARANCE AT SILL
TRAY FOR PANEL UPSTAND

60mm MIN. CLEARANCE FROM BOTTOM OF
SILL TRAY LEG TO FRAMING BELOW

22. TYPICAL UPSTAND

SCALE 1:2 @ A4

PANELTEC INDURACORE G2

SOAKERS AT PANEL JOINTS

FACTORY FITTED CLEATS
AT PANEL FOLDS

SEALANT ON BACKING ROD
(SABRE SEAL, MS FACADE)

INDURAFIX 2ND FIX Z

PANELTEC INDURACORE G2

20mm

MIN. 5°

100 UPSTAND

12-14mm

23. HORIZONTAL OPEN JOINT / INTERSTORY JOINT / HORIZONTAL EXPANSION JOINT

SCALE 1:2 @ A4

PANELTEC INDURACORE G2

CSK SCREW
FIXING

FLASHING TAPE LAPPED
OVER EDGE

20mm DRAIN HOLES AT
300mm CENTRES

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING WRAP

15

3

5°
MIN

50mm MIN

OPEN CELL FOAM
SEALANT

INTERNAL LINING

24. WINDOW JAMB

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

L-BRACKET FIXED TO STRUCTURE, ON PACKERS AS REQUIRED

PANELTEC INDURACORE G2

TEK SCREW (TYP.)

INDURAFIX 2ND FIX Z

SEALANT ON BACKING ROD (SABRE SEAL, MS FACADE)

JOINERY, PACKING, AIR SEAL & FLEX. FLASHING TAPE BY OTHERS

20mm

15 MIN.

12-14mm

25. WINDOW HEAD

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

BUILDING PAPER LAPPED OVER HEAD FLASHING

L-BRACKET FIXED TO STRUCTURE, ON PACKERS AS REQUIRED

TEK SCREW (TYP.)

FACTORY PANEL RIVET WITH L-BRACKET

MIN. PANEL OVERLAP TO JOINERY

15

20mm

8mm DRAIN HOLE WITH GROMMETS

HEAD FLASHING BY OTHERS

JOINERY, PACKING, AIR SEAL & FLEX. FLASHING TAPE BY OTHERS

20

12

26. WINDOW SILL

SCALE 1:2 @ A4

JOINERY, PACKING, AIR SEAL
& FLEX. FLASHING TAPE BY
OTHERS

JOINERY SEALED TO PANEL
(SABRE SEAL, MS FACADE)

PANEL FIXED TO
STRUCTURE

0.9 AL. BACK FOLD
SUPPORT

FACTORY FITTED CLEATS
AT PANEL FOLDS

SOAKERS AT PANEL JOINTS

PANELTEC INDURACORE G2

SPECIFIED RAB /
BUILDING WRAP

20mm

15mm

10°

15mm MIN. CLEARANCE AT SILL
TRAY FOR PANEL UPSTAND

27. COMMERCIAL SILL DETAIL

SCALE 1:2 @ A4

JOINERY, PACKING, AIR SEAL
& FLEX. FLASHING TAPE BY
OTHERS

JOINERY SEALED TO PANEL
(SABRE SEAL, MS FACADE)

0.9 AL. BACK FOLD
SUPPORT

FACTORY FITTED CLEATS
AT PANEL FOLDS

SOAKERS AT PANEL JOINTS

PANELTEC INDURACORE G2

SPECIFIED RAB /
BUILDING WRAP

20mm

10°

12mm

15mm

15mm MIN. CLEARANCE AT SILL
TRAY FOR PANEL UPSTAND

28. COMMERCIAL HEAD DETAIL

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

BUILDING PAPER LAPPED OVER HEAD FLASHING

L-BRACKET FIXED TO STRUCTURE, ON PACKERS AS REQUIRED

TEK SCREW (TYP.)

FACTORY PANEL RIVET WITH L-BRACKET

MIN. PANEL OVERLAP TO JOINERY

15

20mm

20

12

8mm DRAIN HOLE WITH GROMMETS

HEAD FLASHING BY OTHERS

JOINERY, PACKING, AIR SEAL & FLEX. FLASHING TAPE BY OTHERS

29. HEAD & SILL - LIGHT COMMERCIAL

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

BUILDING PAPER LAPPED OVER HEAD FLASHING

L-BRACKET FIXED TO STRUCTURE, ON PACKERS AS REQUIRED

TEK SCREW (TYP.)

FACTORY PANEL RIVET WITH L-BRACKET

MIN. PANEL OVERLAP TO JOINERY

15

20mm

20

12

JOINERY, PACKING, AIR SEAL & FLEX. FLASHING TAPE BY OTHERS

HEAD FLASHING BY OTHERS

8mm DRAIN HOLE WITH GROMMETS

JOINERY, PACKING, AIR SEAL & FLEX. FLASHING TAPE BY OTHERS

JOINERY SEALED TO PANEL (SABRE SEAL, MS FACADE)

0.9 AL. BACK FOLD SUPPORT

FACTORY FITTED CLEATS AT PANEL FOLDS

SOAKERS AT PANEL JOINTS

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING WRAP

20mm

10°

12mm

15mm

15mm MIN CLEARANCE AT SILL TRAY FOR PANEL UPSTAND

30. HEAD & SILL - RESIDENTIAL

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

BUILDING PAPER LAPPED OVER HEAD FLASHING

L-BRACKET FIXED TO STRUCTURE, ON PACKERS AS REQUIRED

TEK SCREW (TYP.)

FACTORY PANEL RIVET WITH L-BRACKET

MIN. PANEL OVERLAP TO JOINERY

8mm DRAIN HOLE WITH GROMMETS

HEAD FLASHING BY OTHERS

JOINERY, PACKING, AIR SEAL & FLEX. FLASHING TAPE BY OTHERS

15

20mm

12mm

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

SOAKERS AT PANEL JOINTS

FACTORY FITTED CLEATS AT PANEL FOLDS

0.9 AL. BACK FOLD SUPPORT

JOINERY SEALED TO PANEL (SABRE SEAL, MS FACADE)

JOINERY, PACKING, AIR SEAL & FLEX. FLASHING TAPE BY OTHERS

20mm

10°

12mm

15mm

15mm MIN. CLEARANCE AT SILL TRAY FOR PANEL UPSTAND

31. HEAD (2) & JAMB - RESIDENTIAL

SCALE 1:2 @ A4

SPECIFIED RAB / BUILDING WRAP

PANELTEC INDURACORE G2

L-BRACKET FIXED TO STRUCTURE, ON PACKERS AS REQUIRED

BUILDING PAPER LAPPED OVER HEAD FLASHING

TEK SCREW (TYP.)

FACTORY PANEL RIVET WITH L-BRACKET

MIN. PANEL OVERLAP TO JOINERY

8mm DRAIN HOLE WITH GROMMETS

HEAD FLASHING BY OTHERS

JOINERY, PACKING, AIR SEAL & FLEX. FLASHING TAPE BY OTHERS

STRAPPING BY OTHERS (DEPENDING ON JOINERY PROFILE)

15

20

12

20mm

JOINERY, PACKING, AIR SEAL & FLEX. FLASHING TAPE BY OTHERS

L-BRACKET FIXED TO STRUCTURE, ON PACKERS AS REQUIRED

SEALANT ON BACKING ROD (SABRE SEAL, MS FACADE)

FACTORY PANEL RIVET WITH L-BRACKET

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING WRAP

12-14mm

TO SUIT

32. FIN MOUNTING DETAIL

SCALE 1:2 @ A4

FIN ASSEMBLY

CONTINUOUS SOLID
PACKING BETWEEN ACM
AND BUILDING STRUCTURE
TO PREVENT CRUSHING.

PANELTEC INDURACORE G2

SPECIFIED RAB / BUILDING
WRAP

20mm

INTERNAL
LININGS

Paneltec
INDUSTRIES

Inspiring design, Manufacturing possibilities