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IKOTHERM™ Fastening Pattern 4'X4' Board, 4 Fasteners

48"

1220mm

12" | 24" | 12"

305 | 610 | 305

12" | 305

24" | 610 | 48" | 1220mm

12" | 305

NOTES:

1. Specific CSA or FM test results may modify this diagram.

2. This fastening pattern may be used for any 4' x 4' board products with a thickness of 2" or greater within an approved IKO roofing system.

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DETAIL NUMBER: **F-2**

IKOTHERM™ Fastening Pattern 4'X4' Board, 5 Fasteners
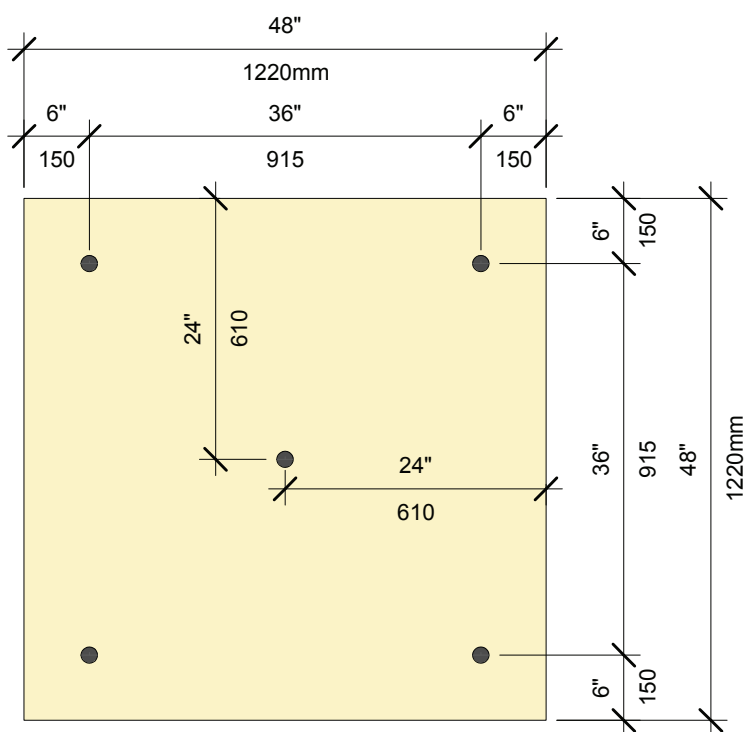
NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 4' board products with a thickness of 2" or greater within an approved IKO roofing system.

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IKOTHERM™ Fastening Pattern 4'X4' Board, 6 Fasteners

NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 4' board products with a thickness of 1.5" or greater within an approved IKO roofing system.

IKOTHERM™ Fastening Pattern 4'X4' Board, 8 Fasteners

NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 4' board products with a thickness of 1.5" or greater within an approved IKO roofing system.

IKOTHERM™ Fastening Pattern 4'X4' Board, 9 Fasteners

NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 4' board products with a thickness of 1.5" or greater within an approved IKO roofing system.

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DETAIL NUMBER: **F-6**

IKOTHERM™ Fastening Pattern 4'X4' Board, 11 Fasteners
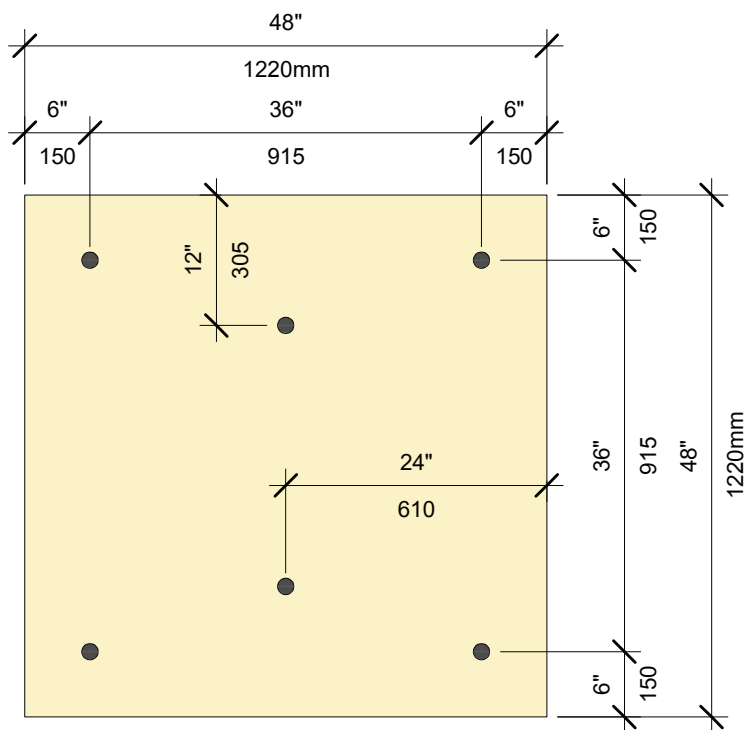

NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 4' board products with a thickness of 1.5" or greater within an approved IKO roofing system.

VER0325

IKOTHERM™ Fastening Pattern 4'X4' Board, 12 Fasteners

48"
1220mm

| 6" | 18" | 18" | 6" |
| 150 | 457 | 457 | 150 |

6" — 150

12" — 305

12" — 305

48" 1220mm

12" — 305

6" — 150

NOTES:

1. Specific CSA or FM test results may modify this diagram.

2. This fastening pattern may be used for any 4' x 4' board products with a thickness of 1.5" or greater within an approved IKO roofing system.
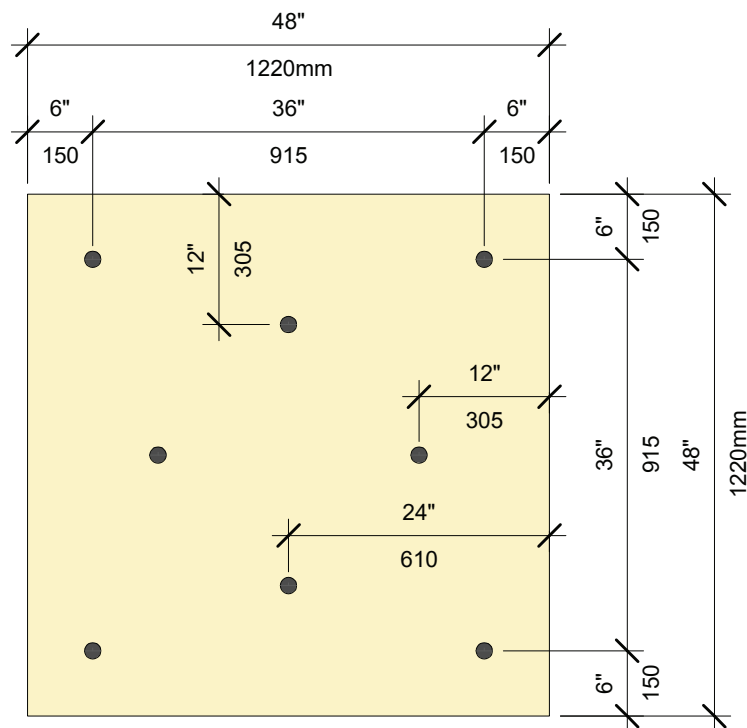
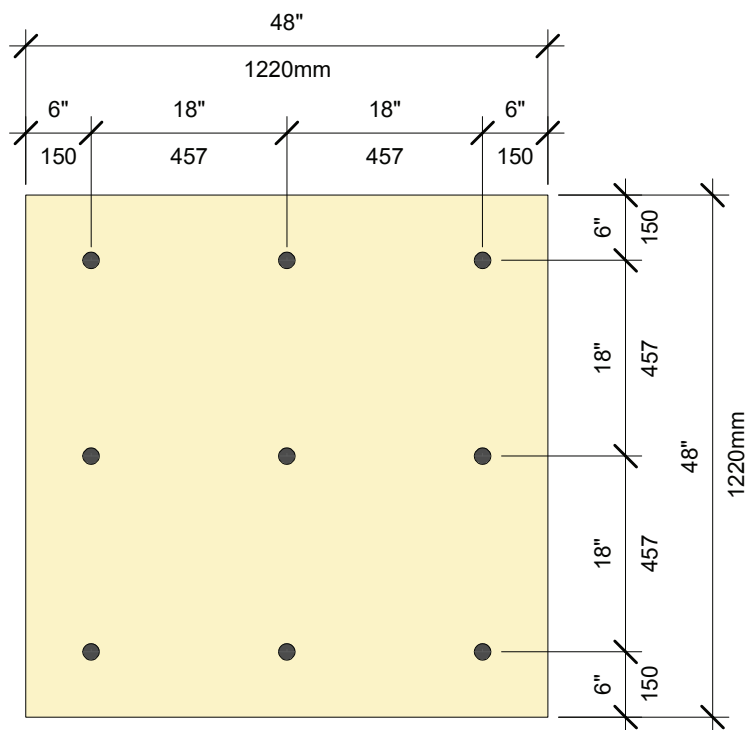## IKOTHERM™ Fastening Pattern 4'X4' Board, 14 Fasteners
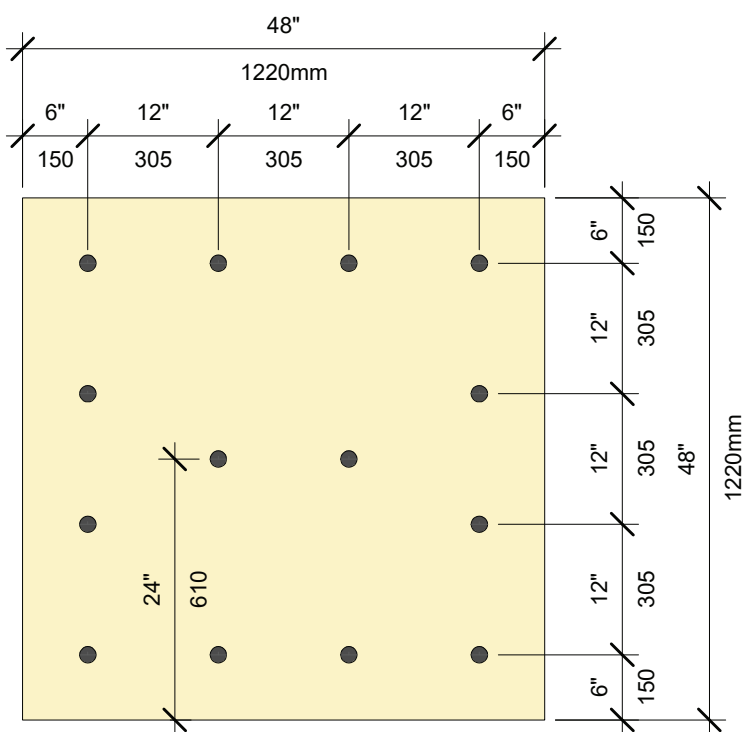
NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 4' board products with a thickness of 1.5" or greater within an approved IKO roofing system.

IKOTHERM™ Fastening Pattern 4'X4' Board, 16 Fasteners

48"
1220mm

6" | 12" | 12" | 12" | 6"
150 | 305 | 305 | 305 | 150

6" — 150
12" — 305
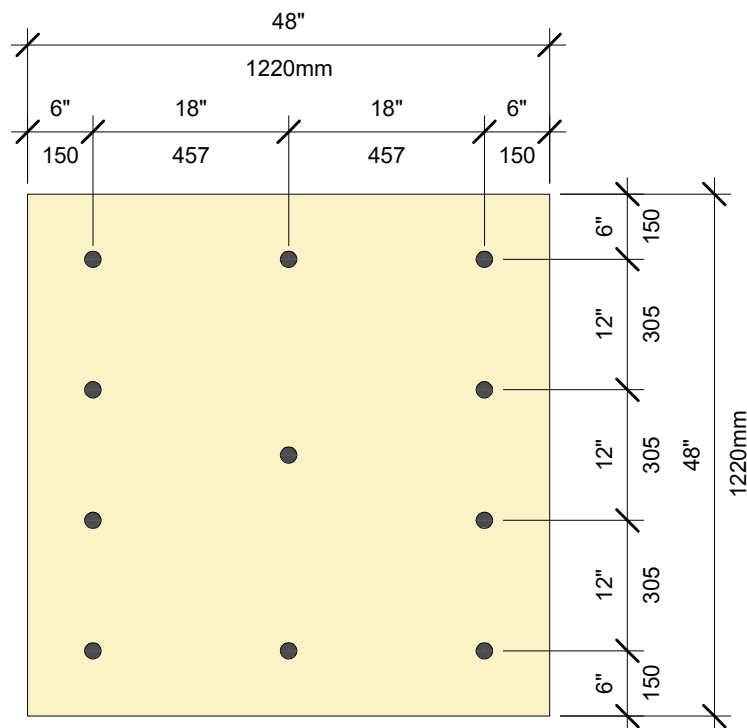12" — 305
48" 1220mm
12" — 305
6" — 150

NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 4' board products with a thickness of 1.5" or greater within an approved IKO roofing system.

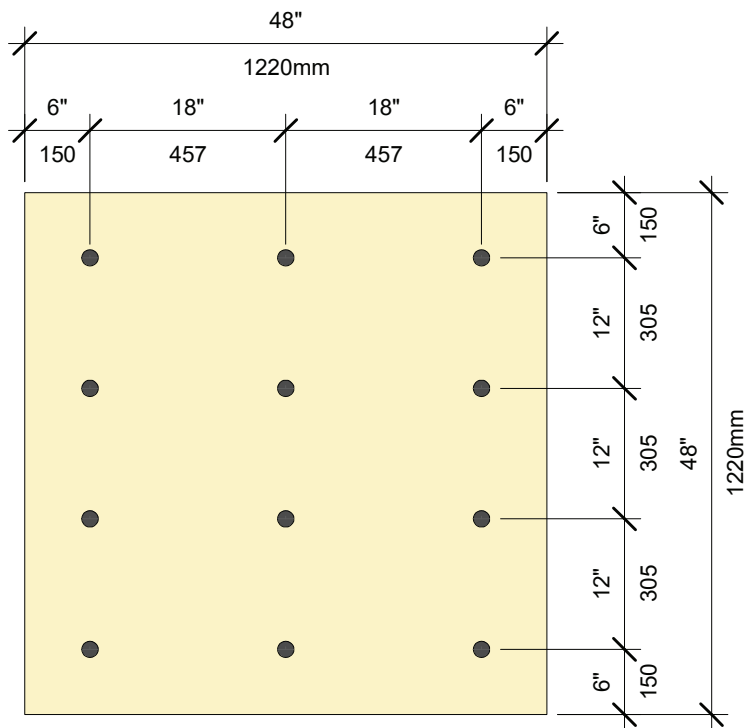## PROTECTOBOARD™ Fastening Pattern 4'X5' Board, 5 Fasteners

NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 5' board products with a thickness of 1/8" or greater within an approved IKO roofing system.

PROTECTOBOARD™ Fastening Pattern 4'X5' Board, 9 Fasteners

NOTES:

1. Specific CSA or FM test results may modify this diagram.

2. This fastening pattern may be used for any 4' x 5' board products with a thickness of 1/8" or greater within an approved IKO roofing system.

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DETAIL NUMBER: **F-12**

IKOTHERM™ Fastening Pattern 4'X8' Board, 8 Fasteners

96"
2440mm

| 12" | 24" | 24" | 24" | 12" |
| 305 | 610 | 610 | 610 | 305 |

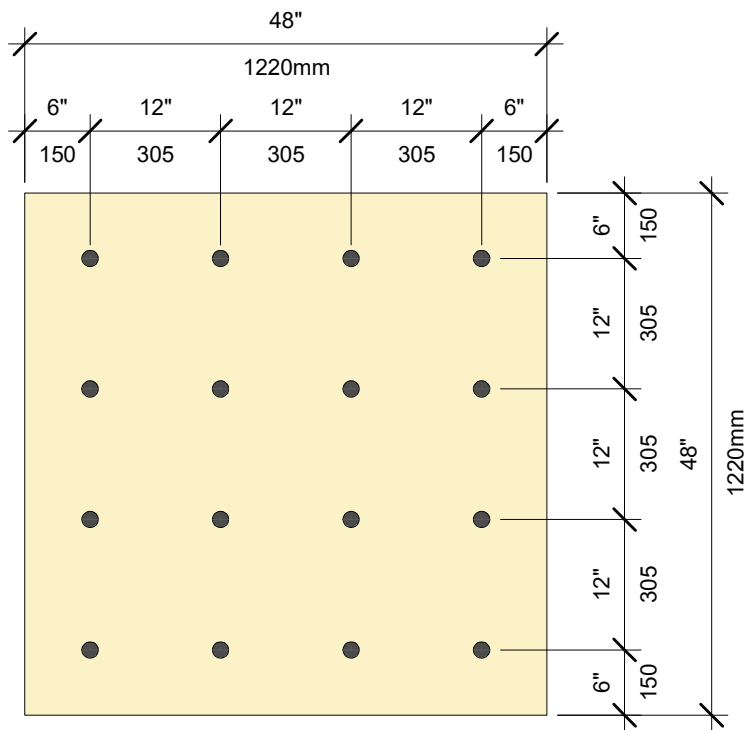6" — 150

36" — 915 — 48" — 1220mm

6" — 150

NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 8' board products with a thickness of 2" or greater within an approved IKO roofing system.

IKOTHERM™ Fastening Pattern 4'X8' Board, 8 Fasteners

96"

2440mm

| 12" | 24" | 24" | 24" | 12" |
| 305 | 610 | 610 | 610 | 305 |

12" | 305
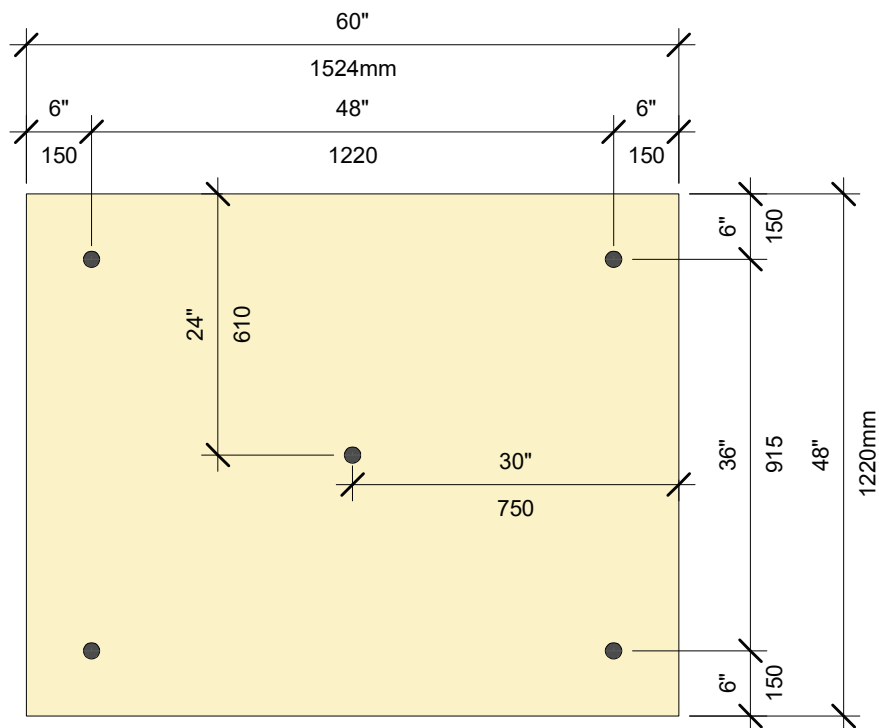
24" | 610 | 48" | 1220mm

12" | 305

NOTES:

1. Specific CSA or FM test results may modify this diagram.

2. This fastening pattern may be used for any 4' x 8' board products with a thickness of 2" or greater within an approved IKO roofing system.

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DETAIL NUMBER: **F-13**

IKOTHERM™ Fastening Pattern 4'X8' Board, 10 Fasteners

96"
2440mm

12"	24"	24"	24"	12"
305	610	610	610	305

6" / 150

18" / 457

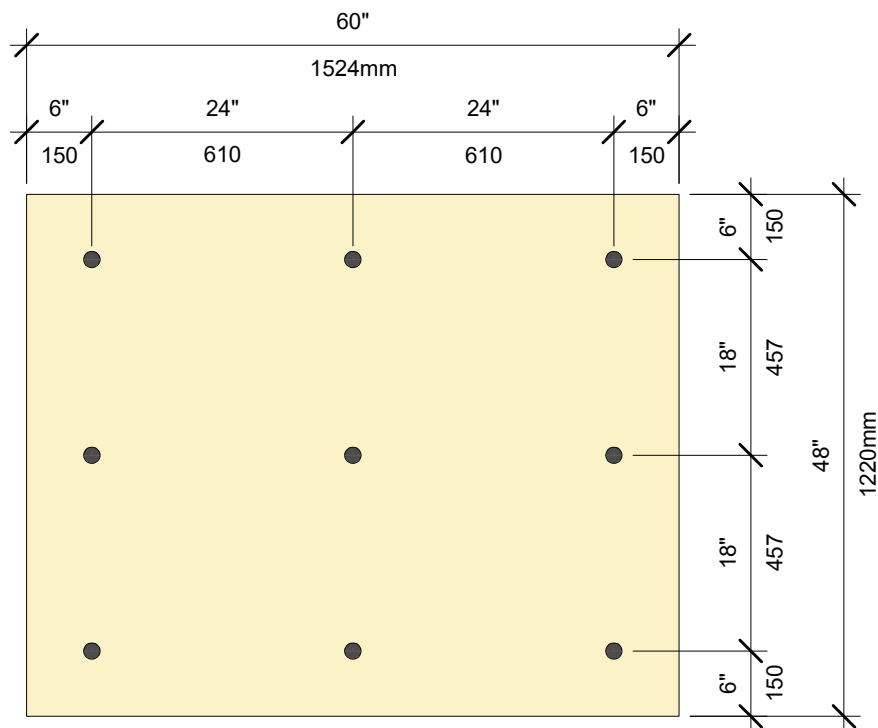48" / 1220mm

18" / 457

6" / 150

NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 8' board products with a thickness of 2" or greater within an approved IKO roofing system.

VER0325

IKOTHERM™ Fastening Pattern 4'X8' Board, 12 Fasteners

NOTES:

1. Specific CSA or FM test results may modify this diagram.

2. This fastening pattern may be used for any 4' x 8' board products with a thickness of 1.5" or greater within an approved IKO roofing system.
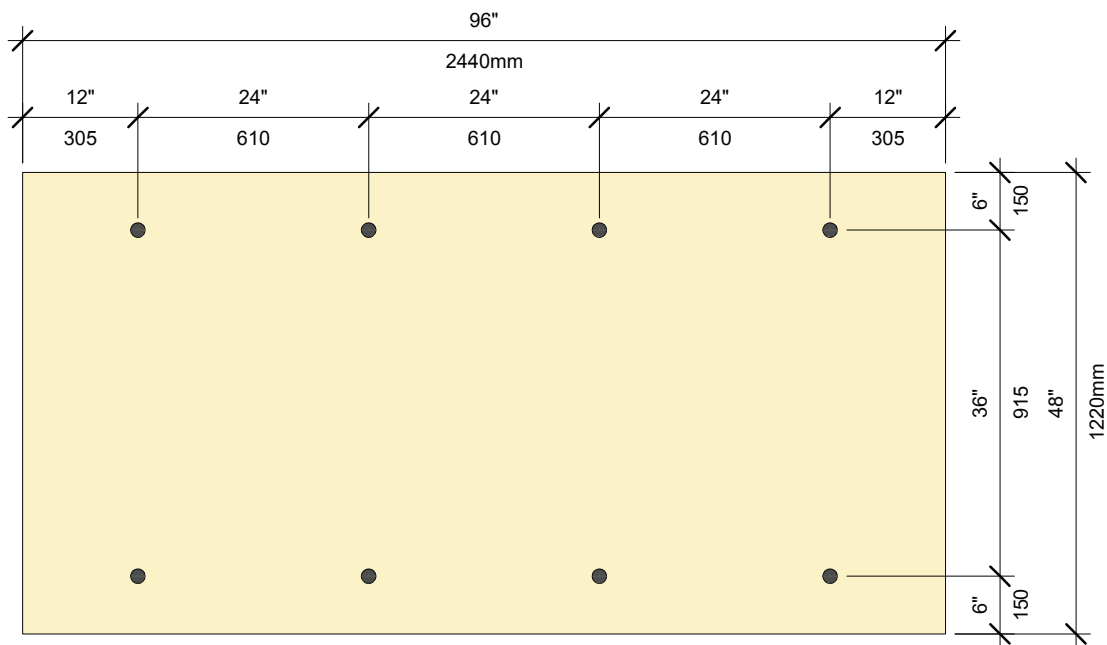
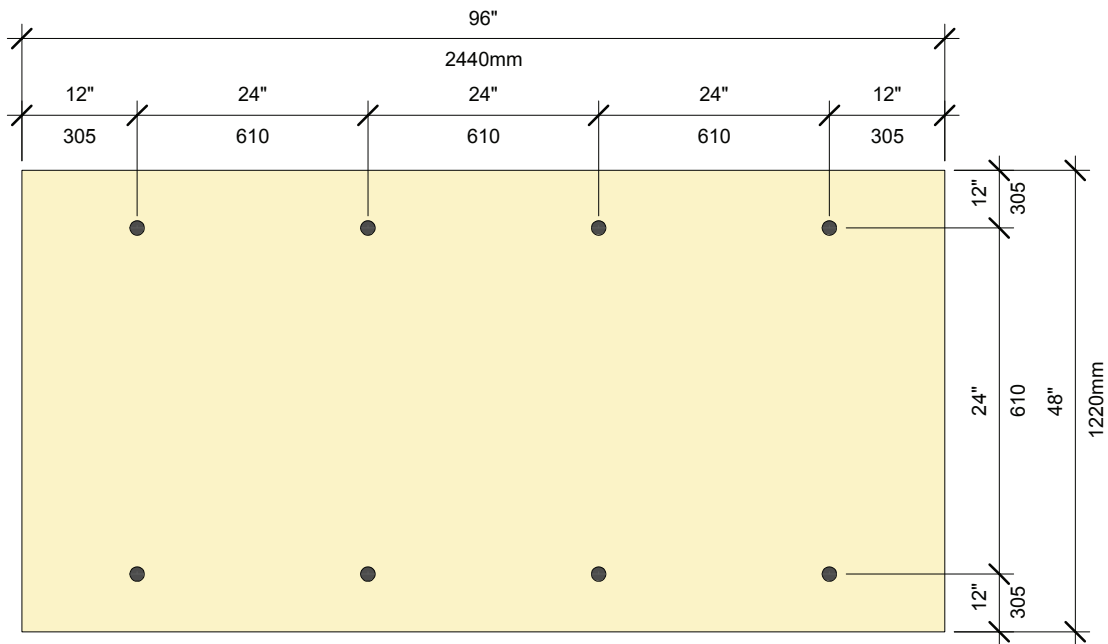## IKOTHERM™ Fastening Pattern 4'X8' Board, 15 Fasteners
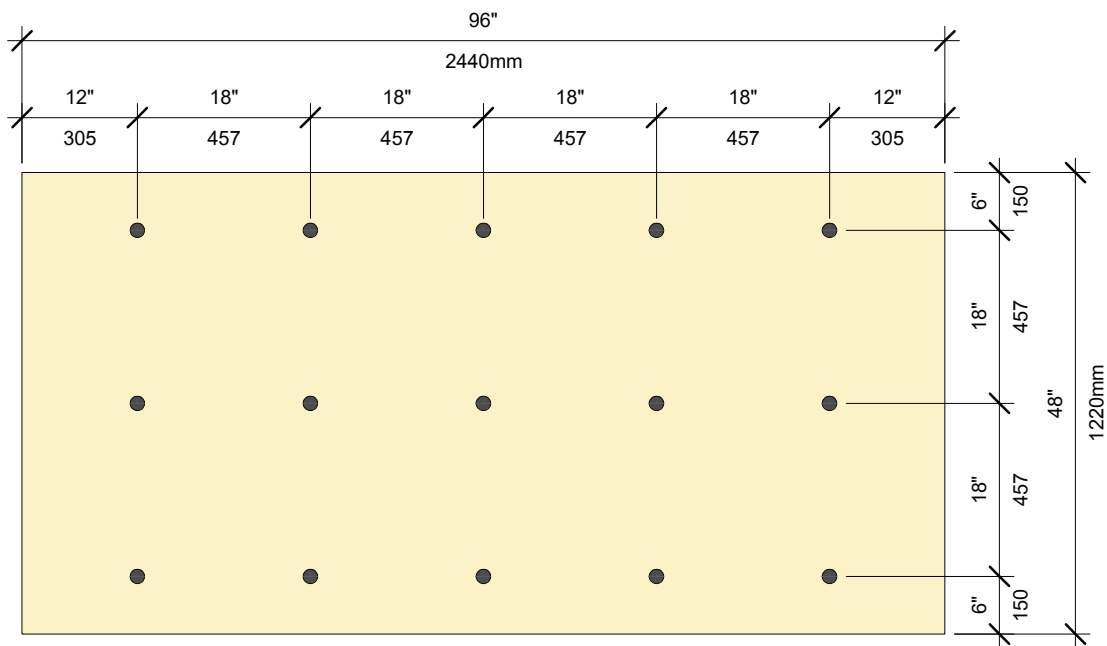
NOTES:

1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 8' board products with a thickness of 1.5" or greater within an approved IKO roofing system.

IKOTHERM™ Fastening Pattern 4'X8' Board, 16 Fasteners
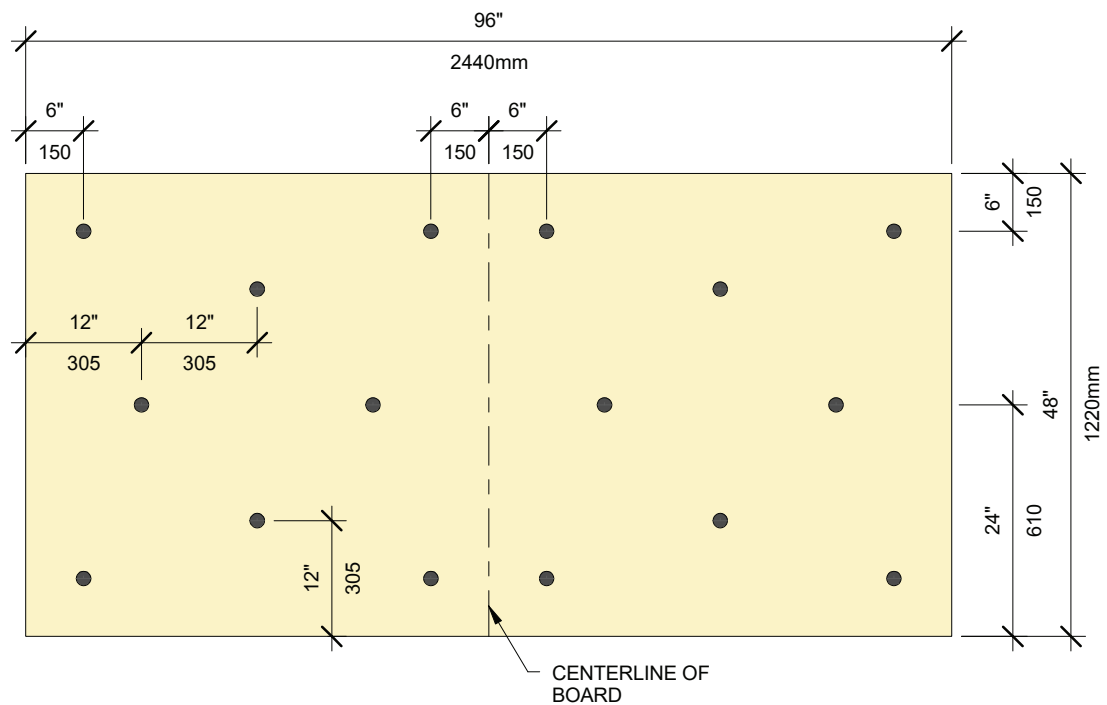
CENTERLINE OF
BOARD

NOTES:

1. Specific CSA or FM test results may modify this diagram.

2. This fastening pattern may be used for any 4' x 8' board products with a thickness of 1.5" or greater within an approved IKO roofing system.
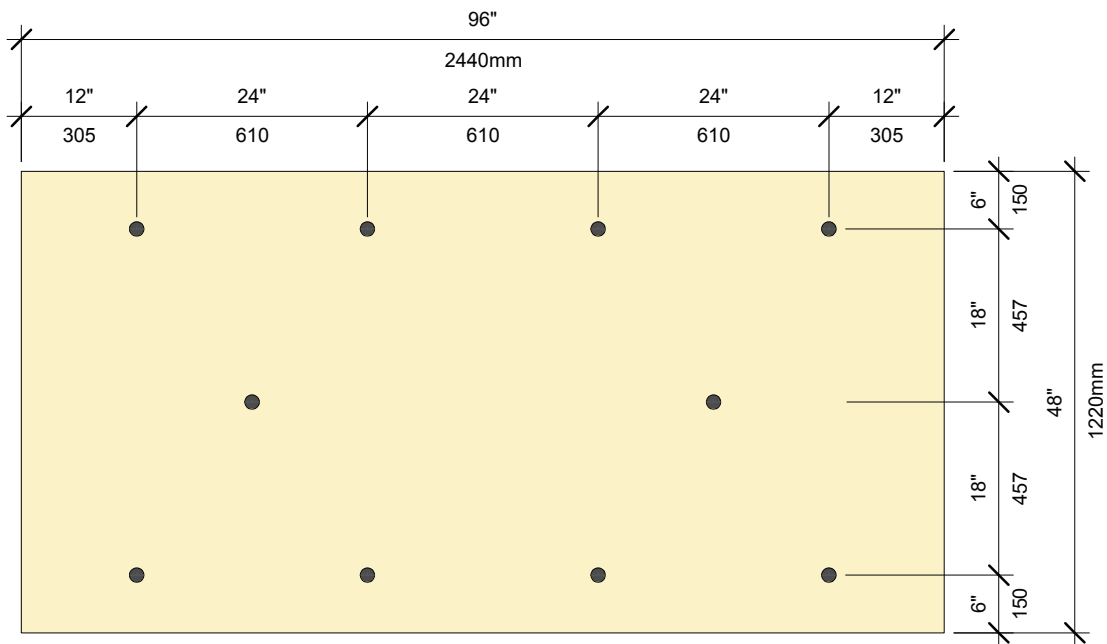
IKO COMMERCIAL

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DETAIL NUMBER: **F-17**

IKOTHERM™ Fastening Pattern 4'X8' Board, 24 Fasteners
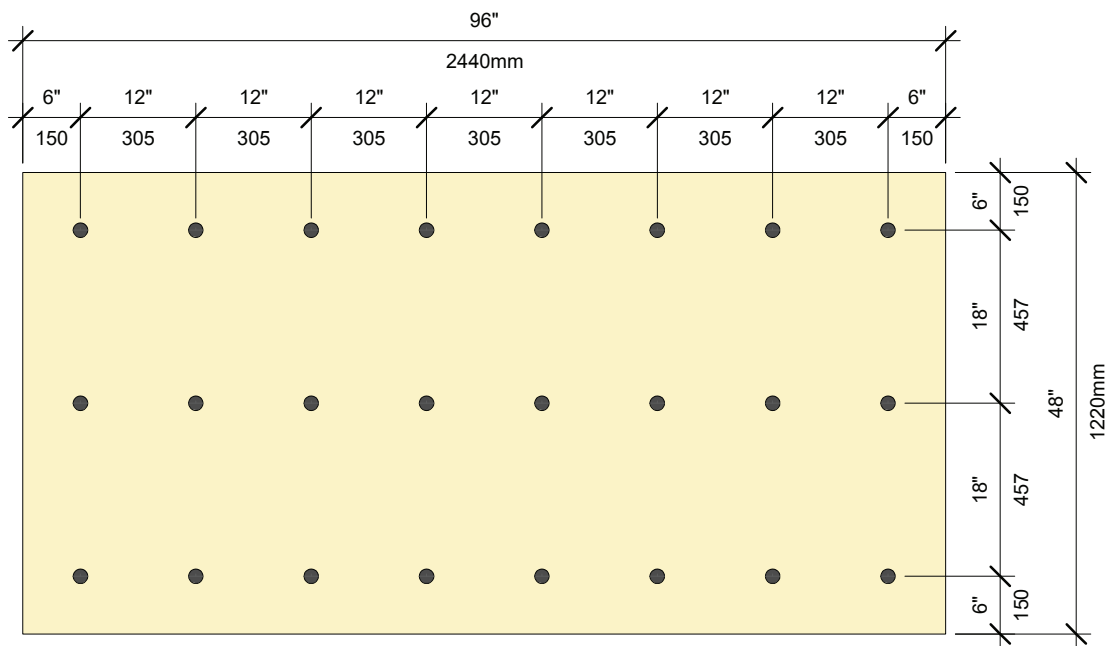
NOTES:
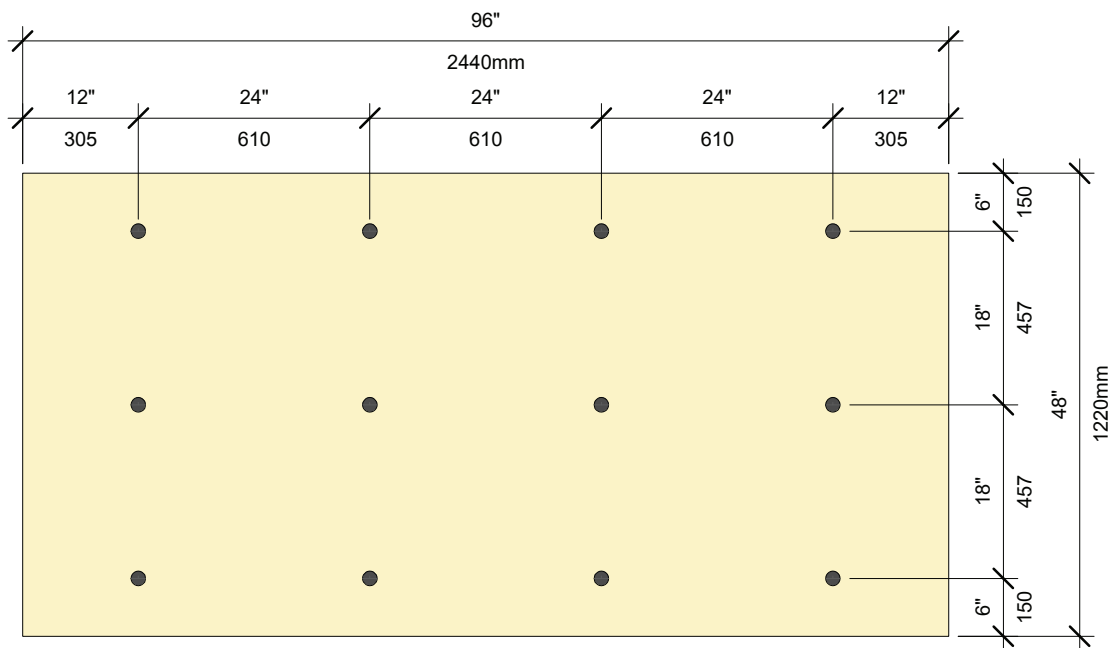
1. Specific CSA or FM test results may modify this diagram.
2. This fastening pattern may be used for any 4' x 8' board products with a thickness of 1.5" or greater within an approved IKO roofing system.

VER0325

IKOTHERM™ Fastening Pattern 4'X8' Board, 32 Fasteners
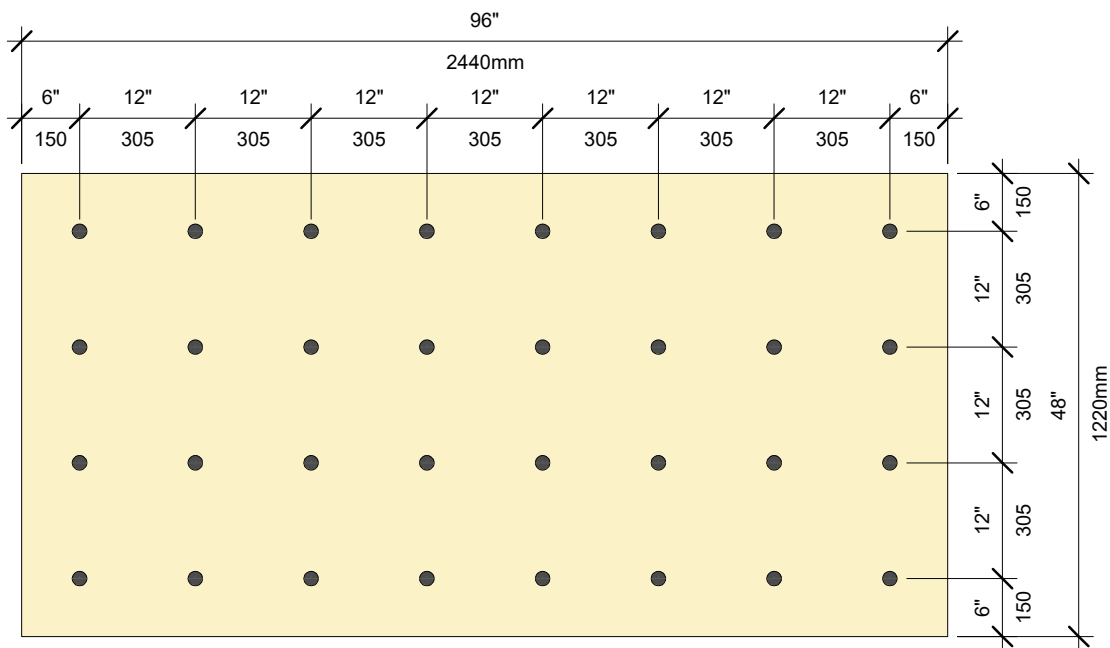
96"

2440mm

6"	12"	12"	12"	12"	12"	12"	12"	6"
150	305	305	305	305	305	305	305	150

6" — 150
12" — 305
12" — 305
12" — 305
6" — 150

48" — 1220mm

NOTES:

1. Specific CSA or FM test results may modify this diagram.

2. This fastening pattern may be used for any 4' x 8' board products with a thickness of 1.5" or greater within an approved IKO roofing system.

SHIELDBASE™ and PROTECTOBASE™ Fastening Pattern 18" O.C. Fasteners
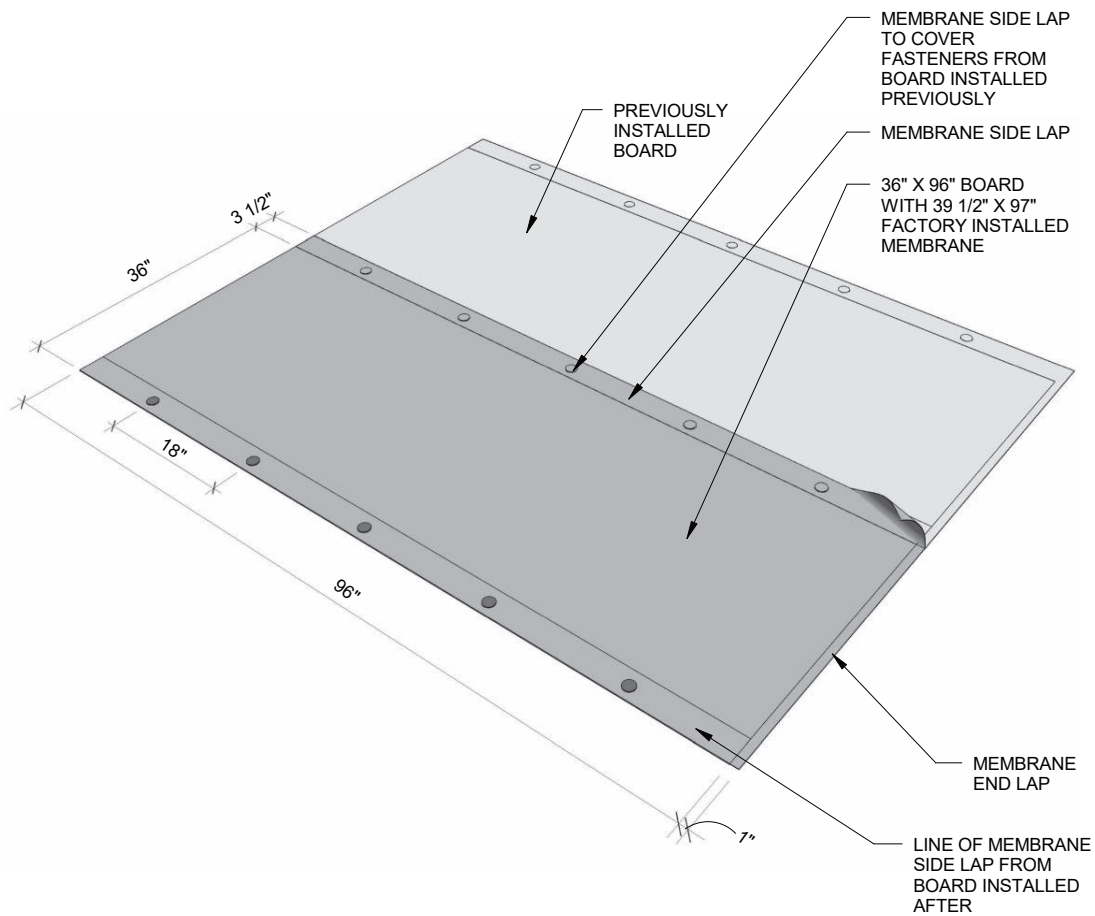
PREVIOUSLY INSTALLED BOARD

MEMBRANE SIDE LAP TO COVER FASTENERS FROM BOARD INSTALLED PREVIOUSLY

MEMBRANE SIDE LAP

36" X 96" BOARD WITH 39 1/2" X 97" FACTORY INSTALLED MEMBRANE

3 1/2"

36"

18"

96"

1"

MEMBRANE END LAP

LINE OF MEMBRANE SIDE LAP FROM BOARD INSTALLED AFTER

NOTES:

1. Specific CSA or FM test results may modify this diagram.

SHIELDBASE™ and PROTECTOBASE™ Fastening Pattern 12" O.C Fasteners
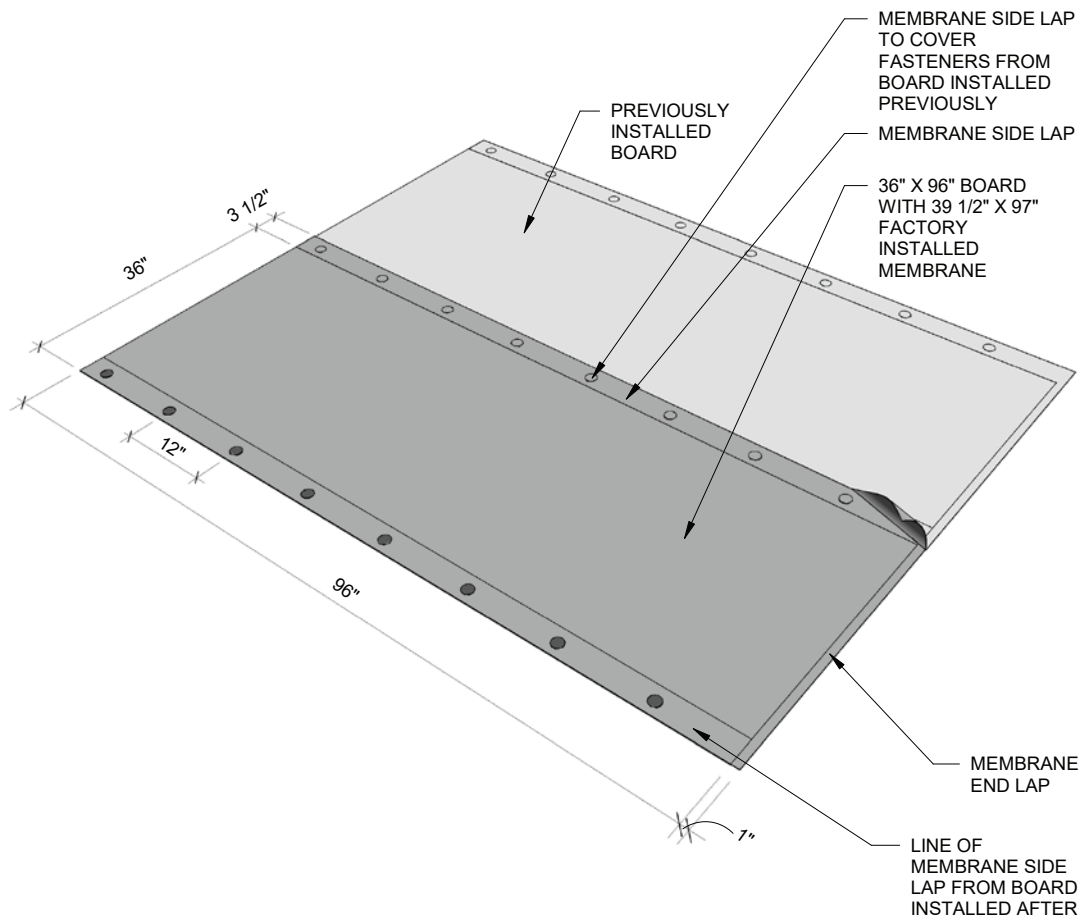
MEMBRANE SIDE LAP
TO COVER
FASTENERS FROM
BOARD INSTALLED
PREVIOUSLY

MEMBRANE SIDE LAP

36" X 96" BOARD
WITH 39 1/2" X 97"
FACTORY
INSTALLED
MEMBRANE

PREVIOUSLY
INSTALLED
BOARD

3 1/2"

36"

12"

96"

1"

MEMBRANE
END LAP

LINE OF
MEMBRANE SIDE
LAP FROM BOARD
INSTALLED AFTER

NOTES:

1. Specific CSA or FM test results may modify this diagram.

SHIELDBASE™ and PROTECTOBASE™ Fastening Pattern 6" O.C Fasteners
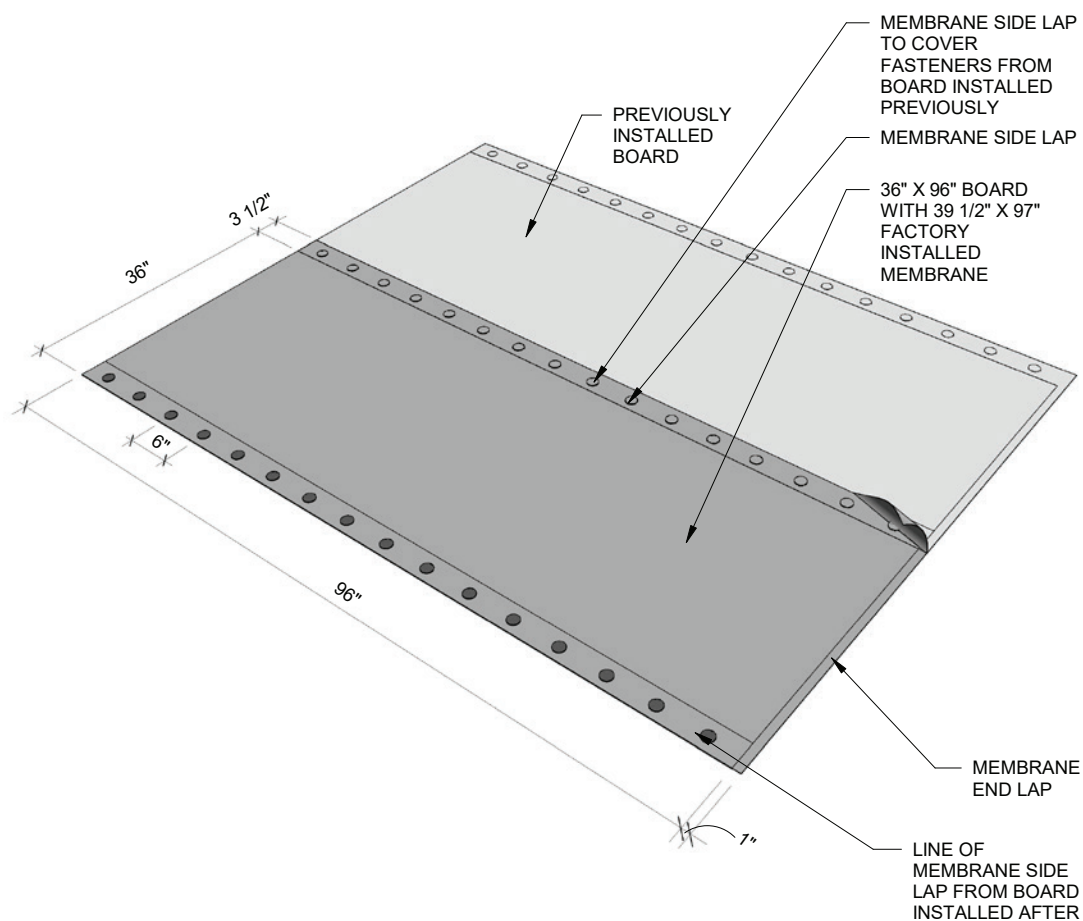
PREVIOUSLY INSTALLED BOARD

MEMBRANE SIDE LAP TO COVER FASTENERS FROM BOARD INSTALLED PREVIOUSLY

MEMBRANE SIDE LAP

36" X 96" BOARD WITH 39 1/2" X 97" FACTORY INSTALLED MEMBRANE

MEMBRANE END LAP

LINE OF MEMBRANE SIDE LAP FROM BOARD INSTALLED AFTER

3 1/2"

36"

6"

96"

1"

NOTES:

1. Specific CSA or FM test results may modify this diagram.

![IKO COMMERCIAL logo] **IKO** | **COMMERCIAL**®
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SHIELDBASE™ and PROTECTOBASE™ 12" O.C Mid Seam and In-Row

COVER STRIP OVER MIDDLE ROW OF FASTENERS

MEMBRANE SIDE LAP TO COVER FASTENERS FROM BOARD INSTALLED PREVIOUSLY

MEMBRANE SIDE LAP

36" X 96" BOARD WITH 39 1/2" X 97" FACTORY INSTALLED MEMBRANE

3 1/2"

36"

12"

96"

PREVIOUSLY INSTALLED BOARD

MEMBRANE END LAP

1"

LINE OF MEMBRANE SIDE LAP FROM BOARD INSTALLED AFTER

NOTES:

1. Specific CSA or FM test results may modify this diagram.

![IKO COMMERCIAL - Specify with Confidence]

DETAIL NUMBER: **F-23**
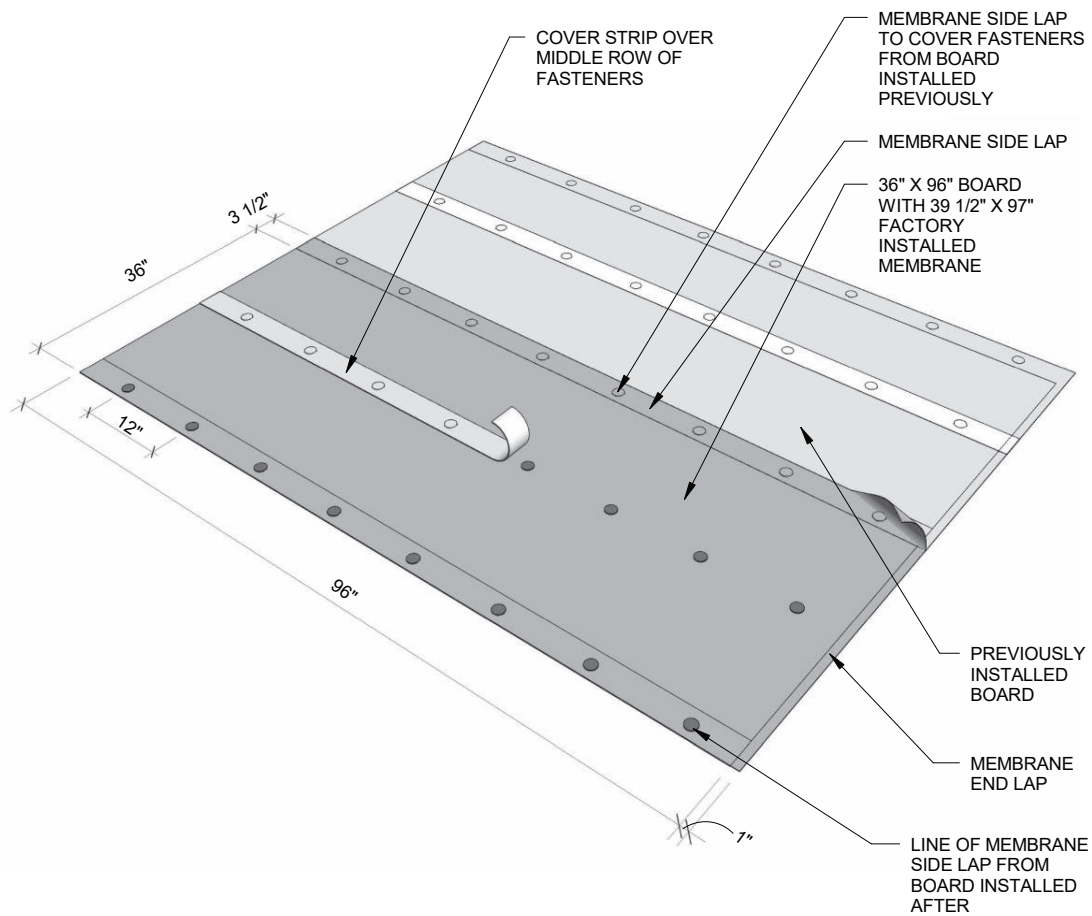
PROTECTOBASE™ at Parapet Detail

IKO
MODIFLEX TAPE

IKO PROTECTOBASE

IKO TORCHFLEX
13" TORCH TAPE TIE-IN TO
FIELD PROTECTOBASE

8"

8"

2.5"

IKO
MODIFLEX TAPE

IKO FIELD
PROTECTOBASE

ACCEPTABLE
SUBSTRATE

ACCEPTABLE
PARAPET
CONSTRUCTION
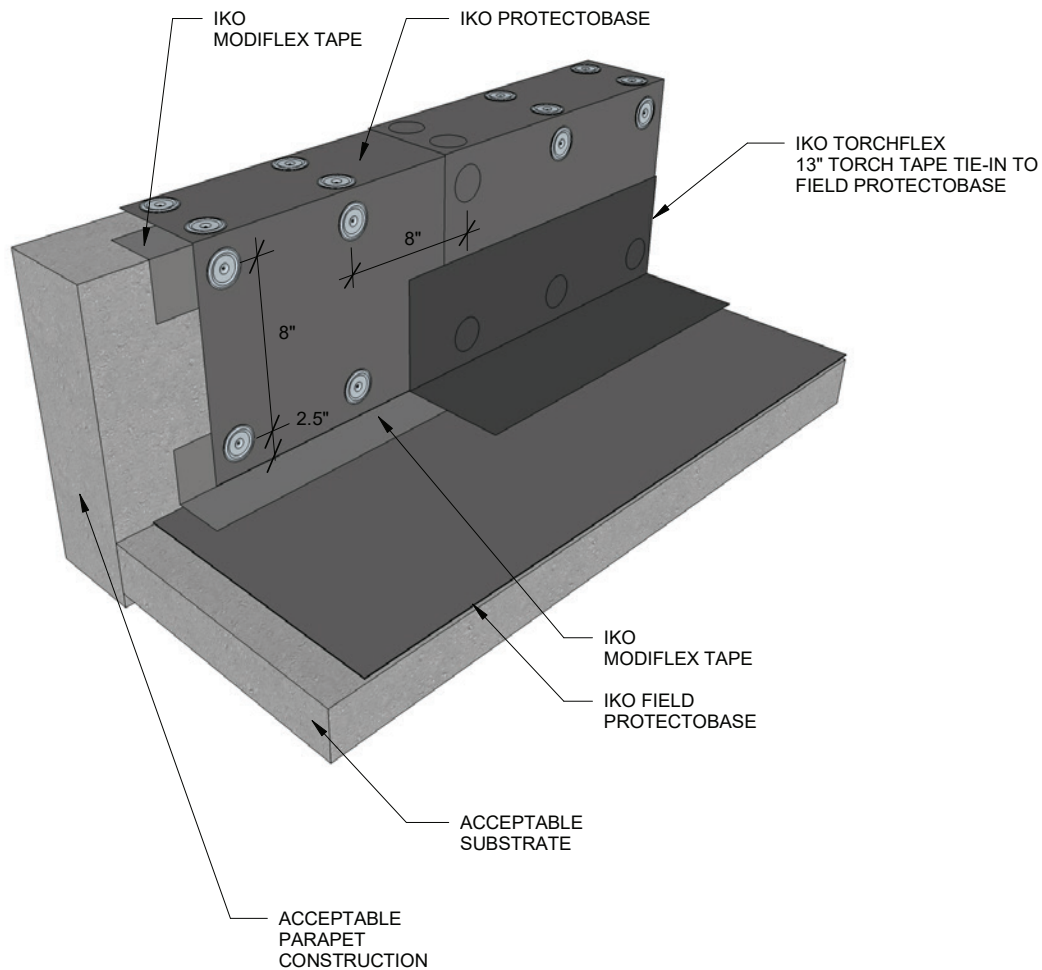
For approved mechanical fastener, contact
IKO Technical Services for more information.

DETAIL NUMBER: **F-24**

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Pre-Securement Pattern for Insulation under Mechanically Fastened Membrane Systems, 4'X4' board
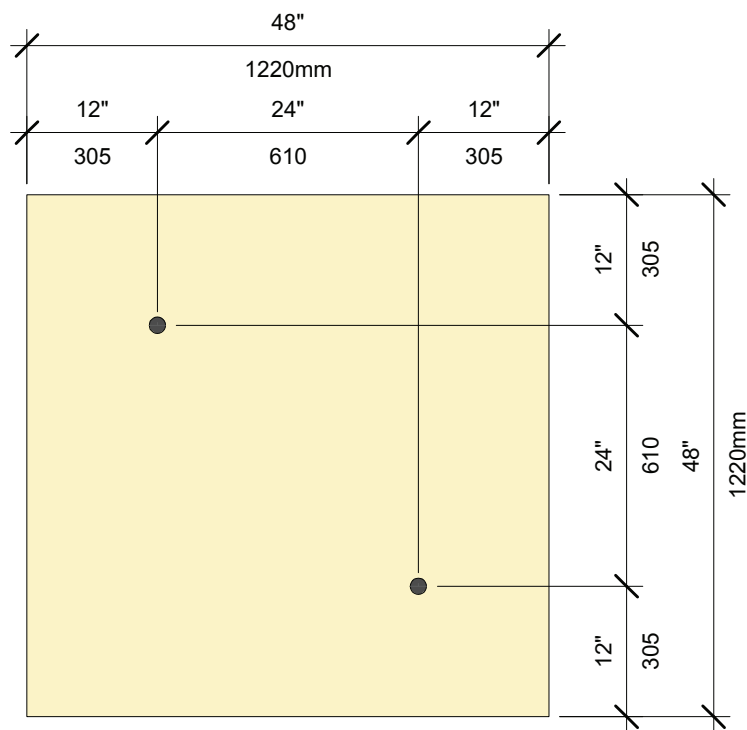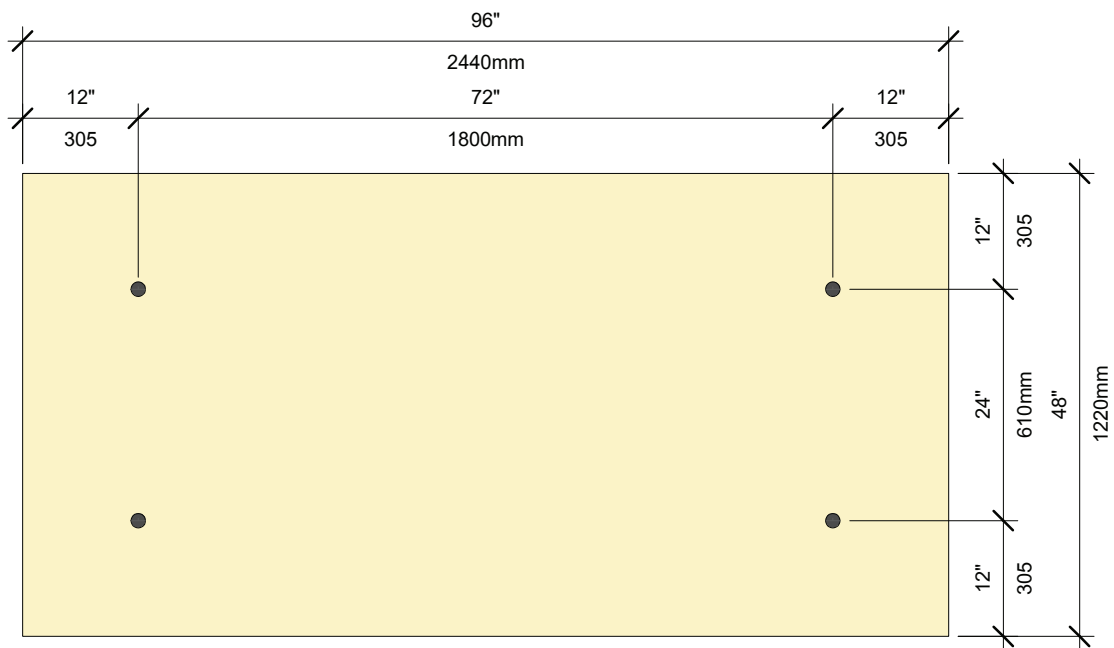
Pre-Securement Pattern for Insulation under Mechanically Fastened Membrane Systems, 4'X8' board

96"
2440mm

12"   72"   12"

305   1800mm   305

12" — 305

24" — 610mm — 48" — 1220mm

12" — 305

Fastening Pattern for Mechanical Attachment of Base Sheet FAST-N-WELD™

FASTENER AND PLATE

CAP SHEETS

610mm(24")

BASE SHEETS

ACCEPTABLE INSULATION OR NAILABLE DECK
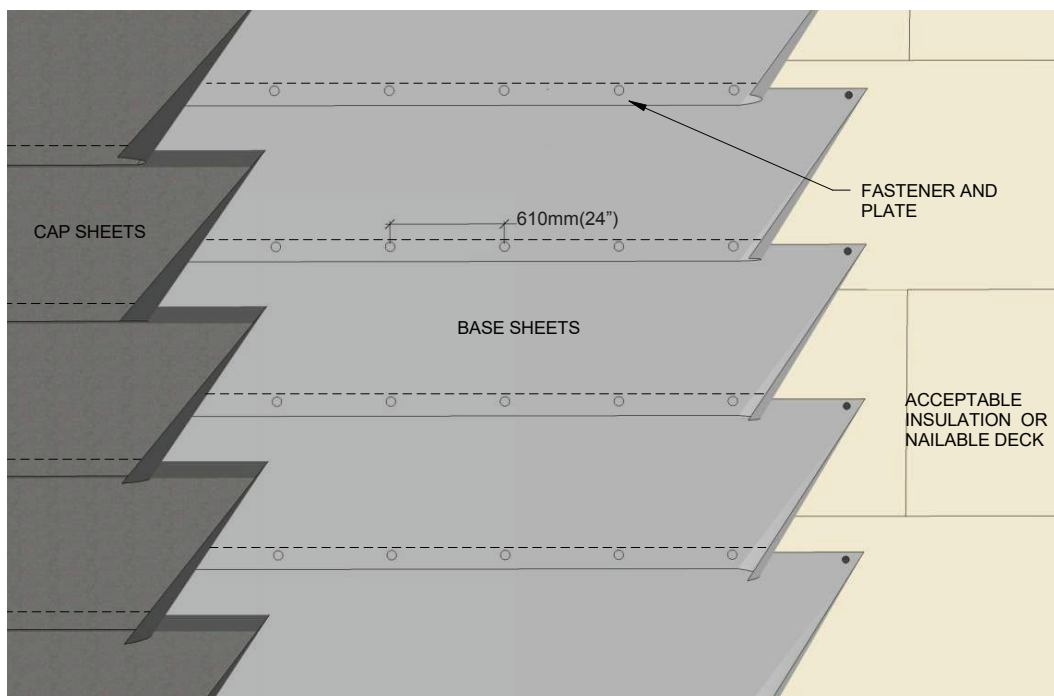
NOTES:

1. Applicable to FM rated assemblies only.

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DETAIL NUMBER: **FNW-2**

Fastening Pattern for Mechanical Attachment of Base Sheet FAST-N-WELD™

CAP SHEETS

457mm(18")

BASE SHEETS

FASTENER AND PLATE

ACCEPTABLE INSULATION OR NAILABLE DECK

NOTES:

1. Applicable to CSA rated assemblies only.

VER0325

Fastening Pattern for Mechanical Attachment of Base Sheet FAST-N-WELD™

CAP SHEETS

305mm(12")

BASE SHEETS

FASTENER AND PLATE

ACCEPTABLE INSULATION OR NAILABLE DECK

NOTES:

1. Applicable to CSA rated assemblies only.

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DETAIL NUMBER: **FNW-4**

Fastening Pattern for Mechanical Attachment of Base Sheet FAST-N-WELD™

CAP SHEETS

150mm(6")

BASE SHEETS

FASTENER AND PLATE

ACCEPTABLE INSULATION OR NAILABLE DECK

NOTES:

1. Applicable to CSA rated assemblies only.

Fastening Pattern for Mechanical Attachment of Base Sheet FAST-N-WELD™

150mm (6")
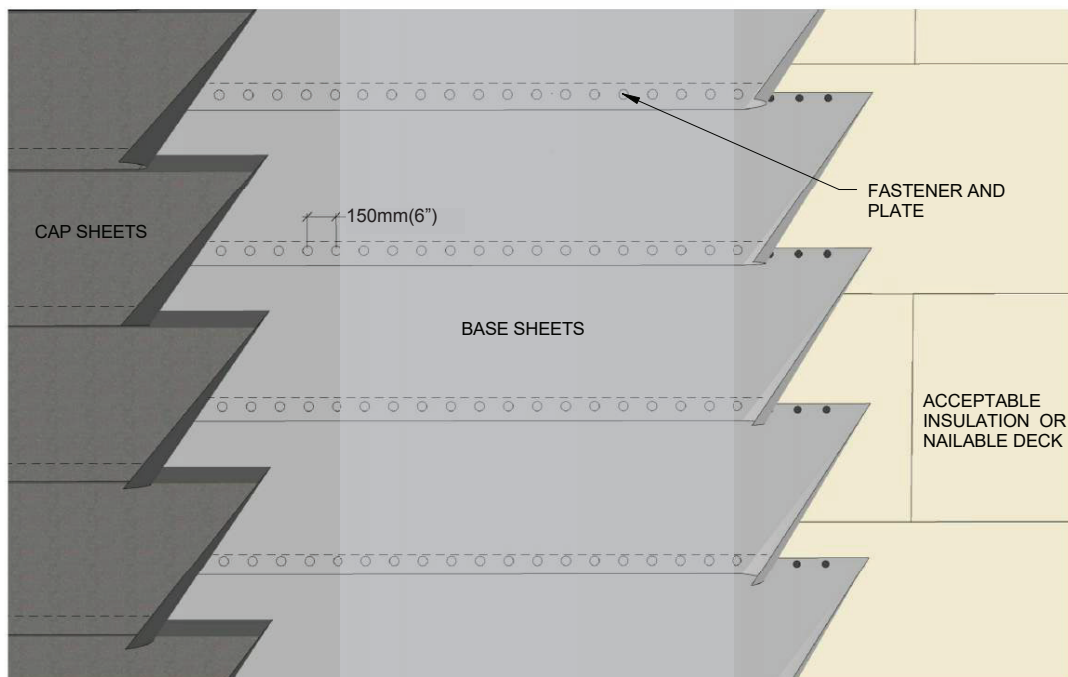600mm(24") 600mm(24")
FASTENERS
CAP SHEETS
COVER STRIPS
BASE SHEETS
ACCEPTABLE INSULATION OR NAILABLE DECK

NOTES:

1. Perimeter Enhancement Pattern for FM rated assemblies only.

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DETAIL NUMBER: **FNW-6**

Fastening Pattern for Mechanical Attachment of Base Sheet FAST-N-WELD™

150mm (6")

FASTENERS

CAP SHEETS

COVER STRIPS

300mm (12")

BASE SHEETS

ACCEPTABLE INSULATION OR NAILABLE DECK

NOTES:

1. Applicable to CSA rated assemblies only.

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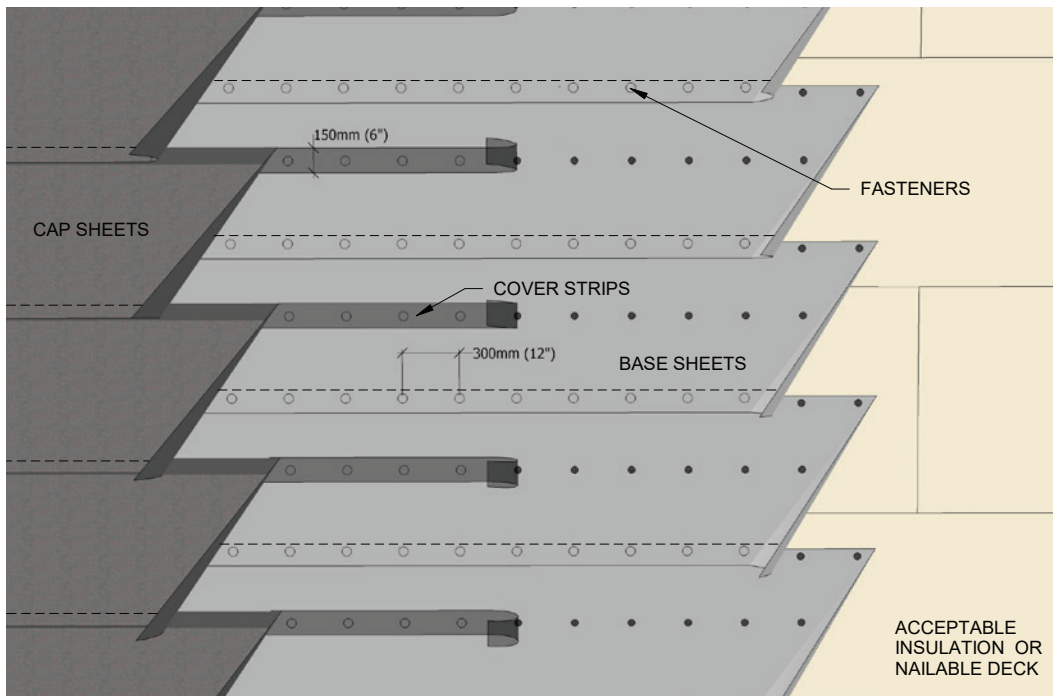## Fastening Pattern for Mechanical Attachment of Base Sheet FAST-N-WELD™

LOCATE A MIN OF 4" FROM CENTERLINE OF SHEET

300mm (12")

600mm(24") 600mm(24")

CAP SHEETS

600mm(24") 600mm(24")

COVER STRIPS

500mm (20")

BASE SHEETS

ACCEPTABLE INSULATION OR NAILABLE DECK

FASTENERS

NOTES:

1. Corner Enhancement Pattern for FM rated assemblies only.

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Fastening Pattern for Mechanical Attachment of Base Sheet FAST-N-WELD™

CAP SHEETS

COVER STRIPS

610mm(24")

BASE SHEETS

ACCEPTABLE INSULATION OR NAILABLE DECK

305mm(12")

FASTENERS

NOTES:

1. Applicable to both FM and CSA rated assemblies.
2. Soldiering of the Fast-N-Stick Base Sheet is an acceptable practice.

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