Metdek 855

DETAIL LIST

| 00 / 14 | COVER SHEET |
| 01 / 14 | RIDGE WITH PROFILED APEX |
| 02 / 14 | RIDGE WITH NON PROFILED APEX |
| 03 / 14 | SAWTOOTH RIDGE |
| 04 / 14 | FLUSH EAVE WITH EXTERNAL GUTTER BRACKET |
| 05 / 14 | FLUSH EAVE WITH PAN FIXED GUTTER |
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| 08 / 14 | PARAPET WITH TRANSVERSE APRON |
| 09 / 14 | TRANSVERSE APRON |
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| 14 / 14 | 3D TRANSLUCENT SHEETS |
METDEK 855 MIN. ROOF PITCH = 3°

PRE-FINISHED RIDGE CAP FLASHING
STOPENDS TO ROOF CLADDING
METALCRAFT METDEK 855 ROOFING
PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFER-TEK SCREW
METDEK 855 RIBS

NOTCHED EDGE DRESSED OVER METDEK 855 RIBS

METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW
BUILDING PAPER SHOWN DASHED

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

METALCRAFT MSS PURLIN BY ENGINEER

STRUCTURAL STEEL FRAMING BY ENGINEER

- BUILDING PAPER IS THE COMMON GENERIC NAME FOR PERMEABLE ROOF AND WALL UNDERLAYS. PLEASE REFER TO NZBC E2/AS1 AND MRM CODE OF PRACTICE VERSION 2.2/2012.

SITUATION 1
1. LOW, MEDIUM, HIGH WIND ZONES
2. ROOF PITCH ≥ 10°
X MIN. 130mm

SITUATION 2
1. VERY HIGH WIND ZONE
2. ALL ROOF PITCHES
MIN. 200mm

SITUATION 3
1. EXTRA HIGH WIND ZONE
2. ALL ROOF PITCHES
MIN. 200mm

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

CATEGORY A
1. NORMAL EXPOSURE
2. ROOF PITCH >10°
X MIN. 130mm

CATEGORY B
1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa.
2. ROOF PITCH <10°
MIN. 200mm

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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**PRE-FINISHED RIDGE CAP FLASHING**

**STOPENDS TO ROOF CLADDING**

**METALCRAFT METDEK 855 ROOFING**

**PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFTER-TEK SCREW**

**NOTCHED EDGE DRESSED OVER METDEK 855 RIBS**

**BUILDING PAPER SHOWN DASHED**

**SAFETY MESH TO WORKSAFE NZ REQUIREMENTS**

**METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW**

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**SITUATION 1**
1. LOW, MEDIUM, HIGH WIND ZONES
2. ROOF PITCH ≥ 10°

* MIN. 130mm

---

**SITUATION 2**
1. VERY HIGH WIND ZONE
2. ALL ROOF PITCHES

* MIN. 200mm

---

**SITUATION 3**
1. EXTRA HIGH WIND ZONE
2. ALL ROOF PITCHES

* MIN. 200mm

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**REFERENCE**

Please refer to MRM Code of Practice Version 2.2/2012 for further information on flashing cover widths.

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**DISCLAIMER:**

* - Please refer to MRM code of practice version 2.2/2012 as minimum pitch will increase depending on sheet length.

**Category A**
1. Normal Exposure
2. Roof pitch >10°

* Min. 130mm

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**Category B**
1. Exposed (Higher Risk) & Wind Load exceeds 1.5 kPa.
2. Roof pitch <10°

**Metaldekk 855**

**Commercial Roofing**

**Scale 1:2 Sheet 02/14**
**METDEK 855**

*MIN. ROOF PITCH = 3°*

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**PRE-FINISHED SAWTOOTH RIDGE CAP FLASHING**

**STOPENDS TO ROOF CLADDING**

**SEPARATE BATTEN AND CLADDING WITH EPDM AS REQUIRED**

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**ALTERNATIVE OPTION**

- BIRDS BEAK EDGE
- HEMMED EDGE

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**METALCRAFT METDEK 855 CLADDING**

- **20mm CAVITY**

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**BUILDING PAPER SHOWN DASHED**

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**STRUCTURAL STEEL FRAMING**

- BY ENGINEER

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**METALCRAFT MSS PURLIN BY ENGINEER**

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**METALCRAFT METDEK 855 ROOFING**

- PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFER-TEK SCREW

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**NOTCHED EDGE DRESSED OVER METDEK 855 RIBS**

**BUILDING PAPER SHOWN DASHED**

**SAFETY MESH TO WORKSAFE NZ REQUIREMENTS**

**PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER**

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**CATEGORY A**

1. NORMAL EXPOSURE
2. ROOF PITCH >10°
   - X MIN. 130mm
   - Z MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH)
   - Z MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)

---

**CATEGORY B**

1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa.
2. ROOF PITCH <10°
   - X MIN. 200mm
   - Z MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH)
   - Z MIN. 100mm (VERTICALLY DOWN FACE - PROFILED)

---

Please refer to MRM Code of Practice Version 2.2/2012 for further information on flashing cover widths.

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**SITUATION 1**

1. LOW, MEDIUM, HIGH WIND ZONES
   - X MIN. 130mm
   - Z MIN. 50mm (EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)

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**SITUATION 2**

1. VERY HIGH WIND ZONE
2. ALL ROOF PITCHES
   - X MIN. 200mm

---

**SITUATION 3**

1. EXTRA HIGH WIND ZONE
2. ALL ROOF PITCHES
   - X MIN. 200mm

---

Please refer to E2 for further information on flashing cover widths.

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Reference CRMD855 Date 2014 Scale 1:2 Sheet 03 / 14
EAVE FLASHING REQUIRED WHEN
- ROOF PITCH ≤ 10°, OR
- SOFFIT WIDTH ≤ 100mm, OR
- WIND ZONES = VERY HIGH OR EXTRA HIGH OR
- ENGINEER SPECIFIC DESIGN

METDEK 855
MIN. ROOF PITCH = 3°

PRE-FINISHED EAVE
FLASHING

METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW

METALCRAFT METDEK 855 ROOFING BUILDING PAPER SHOWN DASHED

PRE-FINISHED EAVE FLASHING

METALCRAFT BOX GUTTER 125 WITH EXTERNAL BRACKET

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

SEPARATE BATTEN AND CLADDING WITH EPDM AS REQUIRED

FASCIA BOARD

METALCRAFT METDEK 855 CLADDING ON CAVITY

METALCRAFT MSS PURLIN BY ENGINEER

PACKER

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW

STRUCTURAL STEEL FRAMING BY ENGINEER

FLUSH EAVE WITH EXTERNAL GUTTER BRACKET

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* - PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.
EAVE FLASHING REQUIRED WHEN
- ROOF PITCH ≤ 10°, OR
- SOFFIT WIDTH ≤ 100mm, OR
- WIND ZONES = VERY HIGH OR EXTRA HIGH OR
- ENGINEER SPECIFIC DESIGN

METALCRAFT METDEK 855 ROOFING

BUILDING PAPER SHOWN DASHED

PRE-FINISHED EAVE FLASHING

METALCRAFT BOX GUTTER 125 WITH EXTERNAL BRACKET

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

SEPARATE BATTEN AND CLADDING WITH EPDM AS REQUIRED

METALCRAFT METDEK 855 CLADDING ON CAVITY

METALCRAFT MSS PURLIN BY ENGINEER

"METDEK 855 MIN. ROOF PITCH = 3°"

"METDEK 855 MIN. 50mm OR AS REQUIRED"

DIMENSION TO SUIT SUGGEST MIN. 125mm

MIN. 35mm OVERLAP

PACKER

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW

STRUCTURAL STEEL FRAMING BY ENGINEER

FLUSH EAVE WITH PAN FIXED GUTTER

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PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFER-TEK SCREW

METALCRAFT METDEK 855 ROOFING

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

METALCRAFT MSS PURLIN BY ENGINEER

PRE-FINISHED BARGE FLASHING

HEMMED EDGE

ALTERNATIVE OPTION BIRDS BEAK EDGE

BUILDING PAPER SHOWN DASHED

BARGE BOARD

SOFFIT LINING

SITUATION 1
1. LOW, MEDIUM, HIGH WIND ZONES
2. ROOF PITCH ≥ 10°
3. AT LEAST TWO CRESTS
4. MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH)
5. MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)

SITUATION 2
1. VERY HIGH WIND ZONE
2. ALL ROOF PITCHES
3. AT LEAST TWO CRESTS
4. MIN. 70mm

SITUATION 3
1. EXTRA HIGH WIND ZONE
2. ALL ROOF PITCHES
3. AT LEAST TWO CRESTS
4. MIN. 90mm

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

CATEGORY A
1. NORMAL EXPOSURE
2. ROOF PITCH > 10°
3. ONE RIB (TRAPEZIODAL & TRAY)
4. 2 CORRUGATIONS (CORRUGATE)
5. MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH)
6. MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)

CATEGORY B
1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa
2. ROOF PITCH > 10°
3. ONE RIB, TWO RIBS (<20mm) (TRAPEZIODAL & TRAY)
4. 3 CORRUGATIONS (CORRUGATE)
5. MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH)
6. MIN. 100mm (VERTICALLY DOWN FACE - PROFILED)

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

Reference CRMD855

Scale 1:2

Sheet 06 / 14
PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFER-TEK SCREW

PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER

BUILDING PAPER SHOWN DASHED

SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

METALCRAFT MSS PURLIN BY ENGINEER

METALCRAFT METDEK 855 CLADDING

20mm CAVITY

BUILDING PAPER SHOWN DASHED

SITUATION 1
1. LOW, MEDIUM, HIGH WIND ZONES
2. ROOF PITCH ≥ 10°
Y ONE RIB (TRAPEZOIDAL & TRAY)
2 CORRUGATIONS (CORRUGATE)
Z MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH)
MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)

SITUATION 2
1. VERY HIGH WIND ZONE
2. ALL ROOF PITCHES
Y AT LEAST TWO CRESTS
Z MIN. 70mm

SITUATION 3
1. EXTRA HIGH WIND ZONE
2. ALL ROOF PITCHES
Y AT LEAST TWO CRESTS
Z MIN. 90mm

PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

CATEGORY A
1. NORMAL EXPOSURE
2. ROOF PITCH ≥ 10°

CATEGORY B
1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa.
2. ROOF PITCH ≥ 10°

PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.

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METDEK 855

**MIN. ROOF PITCH = 3°**

**BUILDING PAPER SHOWN DASHED**

**PRE-FINISHED PARAPET CAP FLASHING**

**SEPARATE BATTEN AND CLADDING WITH EPDM AS REQUIRED**

**PRE-FINISHED FLAT HEAD EXPANDING MASONRY ANCHOR SCREW WITH RUBBER WASHER FOR FLASHING**

**PVC CAVITY CLOSER**

**METALCRAFT CORRUGATE CLADDING ON CAVITY**

**BUILDING PAPER SHOWN DASHED**

**STOPENDS ROOF CLADDING**

**SAFETY MESH TO WORKSAFE NZ REQUIREMENTS**

**CONCRETE WALL BY ENGINEER**

**- METDEK 855***

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**- PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.**

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**PARAPET WITH TRANSVERSE APRON**

**CRMD855**

**METALCRAFT METDEK 855 ROOFING**

**METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW**

**PRE-FINISHED APRON FLASHING NOTCHED EDGE DRESSED OVER METDEK 855 RIBS**
**METDEK 855**

**MIN. ROOF PITCH = 3°**

**STOPENDS TO ROOF CLADDING**

**BUILDING PAPER SHOWN DASHED**

**PRE-FINISHED APRON FLASHING**

**CONCRETE CHASE**

**MIN. 110mm**

**CONCRETE CHASE**

**80.00°**

**15.00°**

**PRE-FINISHED FLAT HEAD EXPANDING MASONRY ANCHOR SCREW WITH RUBBER WASHER FOR FLASHING**

**PRE-FINISHED FLASHING OVER APRON FLASHING**

**PRE-FINISHED APRON FLASHING**

**BUILDING PAPER SHOWN DASHED**

**STOPENDS TO ROOF CLADDING**

**SAFETY MESH TO WORKSAFE NZ REQUIREMENTS**

**CONCRETE WALL BY ENGINEER**

**POLYSULPHIDE SEALANT**

**PRE-FINISHED EXPANDING MASONRY ANCHOR SCREW WITH RUBBER WASHER**

**SUGGEST MIN. 50mm**

**MIN. 75mm WITHOUT HEM EDGE**

**MIN. 11.0mm**

**POLYSULPHIDE SEALANT**

**PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFER-TEK SCREW**

**METALCRAFT METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW**

**METALCRAFT METDEK 855 ROOFING**

**NOTCHED EDGE DRESSED OVER METDEK 855 RIBS**

**METALCRAFT MSS PURLIN BY ENGINEER**

**CATEGORY A**

1. NORMAL EXPOSURE
2. ROOF PITCH ≥10°

L

- MIN. 150mm

**CATEGORY B**

1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa.
2. ROOF PITCH >10°

L

- MIN. 200mm

**PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.**

**SITUATION 1**

1. LOW, MEDIUM, HIGH WIND ZONES
2. ROOF PITCH ≥10°

L

- MIN. 130mm

(EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)

**SITUATION 2**

1. VERY HIGH WIND ZONE
2. ALL ROOF PITCHES

L

- MIN. 200mm

(EXCLUDING ANY NOTCHED EDGE OR TURN-DOWN TO ROOFING)

**SITUATION 3**

1. EXTRA HIGH WIND ZONE
2. ALL ROOF PITCHES

**MIN. 200mm**

**PLEASE REFER TO E2 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.**

**CATEGORY A**

1. NORMAL EXPOSURE
2. ROOF PITCH >10°

L

- MIN. 150mm

**CATEGORY B**

1. EXPOSED (HIGHER RISK) & WIND LOAD EXCEEDS 1.5 kPa.
2. ROOF PITCH >10°

L

- MIN. 200mm

**PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.**

**REFERENCE**

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**CRMD855**

**Date 2014**

**Scale 1 : 2**

**Sheet 09 / 14**
**METALCRAFT METDEK 855 ROOFING**

**METALCRAFT MSS PURLIN BY ENGINEER**

**BUILDING PAPER SHOWN** **DASHED**

**POLYSULPHIDE SEALANT**

**PRE-FINISHED EXPANDING MASONRY ANCHOR SCREW WITH RUBBER WASHER**

**PRE-FINISHED FLAT HEAD EXPANDING MASONRY ANCHOR SCREW WITH RUBBER WASHER FOR FLASHING**

**PRE-FINISHED FLASHING OVER APRON FLASHING**

**SAFETY MESH TO WORKSAFE NZ REQUIREMENTS**

**METALCRAFT MSS PURLIN BY ENGINEER**

**PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER**

- **CONCRETE CHASE MIN. 110mm**
- **POLYSULPHIDE SEALANT**
- **MIN. 110mm**
- **PRE-FINISHED FLAT HEAD EXPANDING MASONRY ANCHOR SCREW WITH RUBBER WASHER FOR FLASHING**
- **MIN. 110mm**
- **PRE-FINISHED POP RIVET BEDDED IN SILICONE OR PRE-FINISHED 8g WAFER-TEK SCREW**
- **METALCRAFT METDEK 855 ROOFING**

**PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2/2012 FOR FURTHER INFORMATION ON FLASHING COVER WIDTHS.**

**SITUATION 1**
1. LOW, MEDIUM, HIGH WIND ZONES
2. ROOF PITCH ≥ 10°

**SITUATION 2**
1. VERY HIGH WIND ZONE
2. ALL ROOF PITCHES

**SITUATION 3**
1. EXTRA HIGH WIND ZONE
2. ALL ROOF PITCHES

**REFERENCE**

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METDEK 855
MIN. ROOF PITCH = 3°

**PRE-FINISHED FLASHING**

**METALCRAFT METDEK 855 ROOFING**

**METDEK 855 LUG SYSTEM WITH 14G x 42mm SCREW**

**PRE-FINISHED FLASHING**

**METALCRAFT 855 LUG SYSTEM WITH 14G x 42mm SCREW**

**PRE-FINISHED POP RIVETS BEDDED IN SILICONE OR PRE-FINISHED 8g WAFFER-TEK SCREWS**

**COMPRESSIBLE FOAM SEAL UNDER ROOFING. REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 FOR REQUIREMENT.**

**METALCRAFT MSS PURLIN BY ENGINEER**

**METALCRAFT**

**METDEK 855**

**ROOFING**

**PRE-FINISHED FLAT HEAD SELF DRILLING/TAPPING SCREW WITH RUBBER WASHER FOR FLASHING**

**BUILDING PAPER SHOWN DASHED**

**SAFETY MESH TO WORKSAFE NZ REQUIREMENTS**

**STRUCTURAL STEEL FRAMING BY ENGINEER**

**REFERENCE**

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**COMMERCIAL ROOFING**

**Metdek 855**

**CRMD855**

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**- PLEASE REFER TO MRM CODE OF PRACTICE VERSION 2.2 /2012 AS MINIMUM PITCH WILL INCREASE DEPENDING ON SHEET LENGTH.**
SAFETY MESH TO WORKSAFE NZ REQUIREMENTS

METALCRAFT METDEK 855 TRANSLUCENT SHEET

FIXING WITH PROFILED WASHER AND EPDM WASHER

METALCRAFT MSS PURLIN BY ENGINEER

MID SPAN SUPPORT

PURLIN TAPE BARRIER STRIP

PURLIN PROTECTION

STRUCTURAL STEEL FRAMING BY ENGINEER

TRANSLUCENT SHEETS - LONG SECTION

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Reference CRMD855  Date 2014  Scale 1 : 5  Sheet 12 / 14
FIXING WITH Profiled Washer and EPDM Washer

Metalcraft Metdek 855 Translucent Sheet

Purlin Protection

Metalcraft Metdek 855 Roofing

Metalcraft MSS Purlin by Engineer

Mid Span Support

Safety Mesh to Worksafe NZ Requirements

Purlin Tape Barrier Strip

Reference

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Reference CRMD855
Date 2014
Scale
Sheet 14 / 14