



|                                                 |    |
|-------------------------------------------------|----|
| 42" Wide   16 Ga Steel Support   26/26 .....    | 2  |
| 42" Wide   16 Ga Steel Support   24/26 .....    | 3  |
| 42" Wide   16 Ga Steel Support   24/24 .....    | 4  |
| 42" Wide   16 Ga Steel Support   22/26 .....    | 5  |
| 42" Wide   16 Ga Steel Support   22/24 .....    | 6  |
| 42" Wide   16 Ga Steel Support   22/22 .....    | 7  |
| 42" Wide   14 Ga Steel Support   26/26 .....    | 8  |
| 42" Wide   14 Ga Steel Support   24/26 .....    | 9  |
| 42" Wide   14 Ga Steel Support   24/24 .....    | 10 |
| 42" Wide   14 Ga Steel Support   22/26 .....    | 11 |
| 42" Wide   14 Ga Steel Support   22/24 .....    | 12 |
| 42" Wide   14 Ga Steel Support   22/22 .....    | 13 |
| 42" Wide   12 Ga Steel Support   26/26 .....    | 14 |
| 42" Wide   12 Ga Steel Support   24/26 .....    | 15 |
| 42" Wide   12 Ga Steel Support   24/24 .....    | 16 |
| 42" Wide   12 Ga Steel Support   22/26 .....    | 17 |
| 42" Wide   12 Ga Steel Support   22/24 .....    | 18 |
| 42" Wide   12 Ga Steel Support   22/22 .....    | 19 |
| 42" Wide   1/4" STL Steel Support   26/26 ..... | 20 |
| 42" Wide   1/4" STL Steel Support   24/26 ..... | 21 |
| 42" Wide   1/4" STL Steel Support   24/24 ..... | 22 |
| 42" Wide   1/4" STL Steel Support   22/26 ..... | 23 |
| 42" Wide   1/4" STL Steel Support   22/24 ..... | 24 |
| 42" Wide   1/4" STL Steel Support   22/22 ..... | 25 |

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 26 ga  
 Interior: 26 ga  
 Steel Support: 16 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   16 Ga Steel Support   26/26 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 2"  | 9' - 2"  | 7' - 9"  | 6' - 9"  | 6' - 0"  | 5' - 4" | 4' - 10" |
|                                        | Multiple       | 12' - 1"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 11" | 6' - 1"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (829 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 24 ga  
 Interior: 26 ga  
 Steel Support: 16 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   16 Ga Steel Support   24/26 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 3"  | 9' - 2"  | 7' - 9"  | 6' - 9"  | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 1"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 6"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (829 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 24 ga  
 Interior: 24 ga  
 Steel Support: 16 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   16 Ga Steel Support   24/24 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 7"  | 9' - 5"  | 8' - 0"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (829 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 26 ga  
 Steel Support: 16 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   16 Ga Steel Support   22/26 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 3"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 7"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (829 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 24 ga  
 Steel Support: 16 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   16 Ga Steel Support   22/24 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 11" | 6' - 1"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 7"  | 9' - 6"  | 8' - 1"  | 7' - 0"  | 6' - 2"  | 5' - 7" | 5' - 0"  |
|                                        | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 2"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

|                           |                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Deflection limit:         | L/180                                                                                                                             |
| Fastening Method:         | Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support |
| Wind Pressure:            | Unfactored (CAN); ASD, Service Loads (US)                                                                                         |
| Thermal differential:     | EXCLUDED                                                                                                                          |
| Fastener pull-out values: | Based on published data for ¼"-14 Triangle Blazer fasteners (829 lbs/fastener)                                                    |

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 22 ga  
 Steel Support: 16 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   16 Ga Steel Support   22/22 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 6" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 6"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 8"  | 9' - 7"  | 8' - 1"  | 7' - 0"  | 6' - 3"  | 5' - 7" | 4' - 11" |
|                                        | Multiple       | 12' - 3"  | 9' - 11" | 8' - 4"  | 7' - 2"  | 6' - 4"  | 5' - 7" | 5' - 1"  |

|                           |                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Deflection limit:         | L/180                                                                                                                             |
| Fastening Method:         | Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support |
| Wind Pressure:            | Unfactored (CAN); ASD, Service Loads (US)                                                                                         |
| Thermal differential:     | EXCLUDED                                                                                                                          |
| Fastener pull-out values: | Based on published data for ¼"-14 Triangle Blazer fasteners (829 lbs/fastener)                                                    |

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 26 ga  
 Interior: 26 ga  
 Steel Support: 14 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   14 Ga Steel Support   26/26 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 2"  | 9' - 2"  | 7' - 9"  | 6' - 9"  | 6' - 0"  | 5' - 4" | 4' - 10" |
|                                        | Multiple       | 12' - 1"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 11" | 6' - 1"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |

|                           |                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Deflection limit:         | L/180                                                                                                                             |
| Fastening Method:         | Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support |
| Wind Pressure:            | Unfactored (CAN); ASD, Service Loads (US)                                                                                         |
| Thermal differential:     | EXCLUDED                                                                                                                          |
| Fastener pull-out values: | Based on published data for ¼"-14 Triangle Blazer fasteners (1036 lbs/fastener)                                                   |

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.



## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 24 ga  
 Interior: 26 ga  
 Steel Support: 14 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   14 Ga Steel Support   24/26 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 3"  | 9' - 2"  | 7' - 9"  | 6' - 9"  | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 1"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 6"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (1036 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 24 ga  
 Interior: 24 ga  
 Steel Support: 14 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   14 Ga Steel Support   24/24 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 7"  | 9' - 5"  | 8' - 0"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (1036 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 26 ga  
 Steel Support: 14 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   14 Ga Steel Support   22/26 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 3"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 7"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (1036 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 24 ga  
 Steel Support: 14 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   14 Ga Steel Support   22/24 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 11" | 6' - 1"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 7"  | 9' - 6"  | 8' - 1"  | 7' - 0"  | 6' - 2"  | 5' - 7" | 5' - 0"  |
|                                        | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 2"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (1036 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 22 ga  
 Steel Support: 14 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   14 Ga Steel Support   22/22 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 6" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 6"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 8"  | 9' - 7"  | 8' - 1"  | 7' - 0"  | 6' - 3"  | 5' - 7" | 4' - 11" |
|                                        | Multiple       | 12' - 3"  | 9' - 11" | 8' - 4"  | 7' - 2"  | 6' - 4"  | 5' - 7" | 5' - 1"  |

|                           |                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Deflection limit:         | L/180                                                                                                                             |
| Fastening Method:         | Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support |
| Wind Pressure:            | Unfactored (CAN); ASD, Service Loads (US)                                                                                         |
| Thermal differential:     | EXCLUDED                                                                                                                          |
| Fastener pull-out values: | Based on published data for ¼"-14 Triangle Blazer fasteners (1036 lbs/fastener)                                                   |

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 26 ga  
 Interior: 26 ga  
 Steel Support: 12 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   12 Ga Steel Support   26/26 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 2"  | 9' - 2"  | 7' - 9"  | 6' - 9"  | 6' - 0"  | 5' - 4" | 4' - 10" |
|                                        | Multiple       | 12' - 1"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 11" | 6' - 1"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |

|                           |                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Deflection limit:         | L/180                                                                                                                             |
| Fastening Method:         | Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support |
| Wind Pressure:            | Unfactored (CAN); ASD, Service Loads (US)                                                                                         |
| Thermal differential:     | EXCLUDED                                                                                                                          |
| Fastener pull-out values: | Based on published data for ¼"-14 Triangle Blazer fasteners (1450 lbs/fastener)                                                   |

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 24 ga  
 Interior: 26 ga  
 Steel Support: 12 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   12 Ga Steel Support   24/26 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 3"  | 9' - 2"  | 7' - 9"  | 6' - 9"  | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 1"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 6"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (1450 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 24 ga  
 Interior: 24 ga  
 Steel Support: 12 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   12 Ga Steel Support   24/24 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 7"  | 9' - 5"  | 8' - 0"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (1450 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.



## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 26 ga  
 Steel Support: 12 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   12 Ga Steel Support   22/26 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 3"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 7"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (1450 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 24 ga  
 Steel Support: 12 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   12 Ga Steel Support   22/24 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 11" | 6' - 1"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 7"  | 9' - 6"  | 8' - 1"  | 7' - 0"  | 6' - 2"  | 5' - 7" | 5' - 0"  |
|                                        | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 2"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

|                           |                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Deflection limit:         | L/180                                                                                                                             |
| Fastening Method:         | Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support |
| Wind Pressure:            | Unfactored (CAN); ASD, Service Loads (US)                                                                                         |
| Thermal differential:     | EXCLUDED                                                                                                                          |
| Fastener pull-out values: | Based on published data for ¼"-14 Triangle Blazer fasteners (1450 lbs/fastener)                                                   |

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 22 ga  
 Steel Support: 12 Ga (Fy=50 KSI) (Fu=65 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   12 Ga Steel Support   22/22 |                |           |          |          |          |          |         |          |
|----------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                        | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 6" | 4' - 11" |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 6"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 6"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                        | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |
| 8"                                     | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                        | Double         | 11' - 8"  | 9' - 7"  | 8' - 1"  | 7' - 0"  | 6' - 3"  | 5' - 7" | 4' - 11" |
|                                        | Multiple       | 12' - 3"  | 9' - 11" | 8' - 4"  | 7' - 2"  | 6' - 4"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners + (4) ¼-14 exposed fasteners with 1-½" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for ¼"-14 Triangle Blazer fasteners (1450 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 26 ga  
 Interior: 26 ga  
 Steel Support: 1/4" STL (Fy=A36) (Fu=58 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   1/4" STL Steel Support   26/26 |                |           |          |          |          |          |         |          |
|-------------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                           | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 2"  | 9' - 2"  | 7' - 9"  | 6' - 9"  | 6' - 0"  | 5' - 4" | 4' - 10" |
|                                           | Multiple       | 12' - 1"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                           | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 8"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 11" | 6' - 1"  | 5' - 6" | 5' - 0"  |
|                                           | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) 1/4"-14 HWH fasteners + (4) 1/4"-14 exposed fasteners with 1-1/8" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for 1/4"-14 Triangle Blazer fasteners (3081 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 24 ga  
 Interior: 26 ga  
 Steel Support: 1/4" STL (Fy=A36) (Fu=58 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   1/4" STL Steel Support   24/26 |                |           |          |          |          |          |         |          |
|-------------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                           | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 3"  | 9' - 2"  | 7' - 9"  | 6' - 9"  | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                           | Multiple       | 12' - 1"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                           | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 8"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 6"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                           | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) 1/4-14 HWH fasteners + (4) 1/4-14 exposed fasteners with 1-1/8" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for 1/4"-14 Triangle Blazer fasteners (3081 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 24 ga  
 Interior: 24 ga  
 Steel Support: 1/4" STL (Fy=A36) (Fu=58 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   1/4" STL Steel Support   24/24 |                |           |          |          |          |          |         |          |
|-------------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                           | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                           | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                           | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 7"  | 9' - 5"  | 8' - 0"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                           | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) 1/4"-14 HWH fasteners + (4) 1/4"-14 exposed fasteners with 1-1/8" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for 1/4"-14 Triangle Blazer fasteners (3081 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 26 ga  
 Steel Support: 1/4" STL (Fy=A36) (Fu=58 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   1/4" STL Steel Support   22/26 |                |           |          |          |          |          |         |          |
|-------------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                           | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 3"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 0"  | 5' - 5" | 4' - 11" |
|                                           | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 0"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                           | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 7"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                           | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) 1/4-14 HWH fasteners + (4) 1/4-14 exposed fasteners with 1-1/8" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for 1/4"-14 Triangle Blazer fasteners (3081 lbs/fastener)

Notes to tables: Spans shown are for uniform loads only. Spans may be governed by other factors including temperature differentials, deflection requirements, structural support gage, or unequal spacing of secondary. Consult Kingspan for specific project applications.

## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 24 ga  
 Steel Support: 1/4" STL (Fy=A36) (Fu=58 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   1/4" STL Steel Support   22/24 |                |           |          |          |          |          |         |          |
|-------------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                           | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 4"  | 9' - 3"  | 7' - 10" | 6' - 10" | 6' - 1"  | 5' - 5" | 4' - 11" |
|                                           | Multiple       | 12' - 2"  | 9' - 9"  | 8' - 2"  | 7' - 1"  | 6' - 2"  | 5' - 6" | 5' - 0"  |
| 6"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 11" | 6' - 1"  | 5' - 6" | 5' - 0"  |
|                                           | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 8"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 7"  | 9' - 6"  | 8' - 1"  | 7' - 0"  | 6' - 2"  | 5' - 7" | 5' - 0"  |
|                                           | Multiple       | 12' - 3"  | 9' - 10" | 8' - 3"  | 7' - 2"  | 6' - 3"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

Fastening Method: Standard 2-hole concealed clip with (2) 1/4-14 HWH fasteners + (4) 1/4-14 exposed fasteners with 1-1/8" bonded washers at every support

Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for 1/4"-14 Triangle Blazer fasteners (3081 lbs/fastener)

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## K-Roc® FX Series

### Load / Span Tables

#### Mid-Span Through-Fastening

Facer Gauges: Exterior: 22 ga  
 Interior: 22 ga  
 Steel Support: 1/4" STL (Fy=A36) (Fu=58 KSI)  
 Condition: Negative Wind Pressure



| 42" Wide   1/4" STL Steel Support   22/22 |                |           |          |          |          |          |         |          |
|-------------------------------------------|----------------|-----------|----------|----------|----------|----------|---------|----------|
| Panel Thickness                           | Span Condition | 20 PSF    | 25 PSF   | 30 PSF   | 35 PSF   | 40 PSF   | 45 PSF  | 50 PSF   |
| 4"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 5"  | 9' - 4"  | 7' - 11" | 6' - 10" | 6' - 1"  | 5' - 6" | 4' - 11" |
|                                           | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 0"  |
| 6"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 6"  | 9' - 5"  | 8' - 0"  | 6' - 11" | 6' - 2"  | 5' - 6" | 5' - 0"  |
|                                           | Multiple       | 12' - 2"  | 9' - 10" | 8' - 3"  | 7' - 1"  | 6' - 3"  | 5' - 7" | 5' - 1"  |
| 8"                                        | Single         | 11' - 11" | 9' - 7"  | 7' - 11" | 6' - 10" | 5' - 11" | 5' - 3" | 4' - 9"  |
|                                           | Double         | 11' - 8"  | 9' - 7"  | 8' - 1"  | 7' - 0"  | 6' - 3"  | 5' - 7" | 4' - 11" |
|                                           | Multiple       | 12' - 3"  | 9' - 11" | 8' - 4"  | 7' - 2"  | 6' - 4"  | 5' - 7" | 5' - 1"  |

Deflection limit: L/180

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Wind Pressure: Unfactored (CAN); ASD, Service Loads (US)

Thermal differential: EXCLUDED

Fastener pull-out values: Based on published data for 1/4"-14 Triangle Blazer fasteners (3081 lbs/fastener)

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