

K-Roc® FX Series
Load / Span Tables



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42" Wide 16 Ga Steel Support 24/26	3
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42" Wide 16 Ga Steel Support 22/22	7
42" Wide 14 Ga Steel Support 26/26	8
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K-Roc® FX Series

Load / Span Tables

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	4' - 11"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 7"	5' - 1"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 7"	5' - 1"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 Fastening Method: End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 Fastening Method: End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	4' - 11"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 7"	5' - 1"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 7"	5' - 1"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 Fastening Method: End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	4' - 11"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 7"	5' - 1"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 7"	5' - 1"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) ¼-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) ¼-14 HWH fasteners + (4) ¼-14 fasteners with 1-½ bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	4' - 11"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 7"	5' - 1"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) 1/4"-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) 1/4"-14 HWH fasteners + (4) 1/4"-14 fasteners with 1-1/2" bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) 1/4-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) 1/4-14 HWH fasteners + (4) 1/4-14 fasteners with 1-1/8" bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Intermediate Connection: Standard 2-hole concealed clip with (2) 1/4-14 HWH fasteners
 Fastening Method: End Connection: Standard 2-hole concealed with (2) 1/4-14 HWH fasteners + (4) 1/4-14 fasteners with 1-1/8" bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 5"	5' - 0"	4' - 7"	4' - 3"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) 1/4"-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) 1/4"-14 HWH fasteners + (4) 1/4"-14 fasteners with 1-1/8" bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 0"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 7"
	Multiple	5' - 7"	5' - 1"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Fastening Method: Intermediate Connection: Standard 2-hole concealed clip with (2) 1/4"-14 HWH fasteners
 End Connection: Standard 2-hole concealed with (2) 1/4"-14 HWH fasteners + (4) 1/4"-14 fasteners with 1-1/2" bonded washers at end supports

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

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	22 PSF	24 PSF	26 PSF	28 PSF	30 PSF	32 PSF
4"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 6"	5' - 1"	4' - 8"	4' - 4"	4' - 0"	3' - 9"	3' - 6"
	Multiple	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
6"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 1"	4' - 8"	4' - 4"	4' - 1"	3' - 9"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 4"	4' - 1"	3' - 10"	3' - 7"
8"	Single	11' - 11"	10' - 10"	9' - 11"	9' - 2"	8' - 6"	7' - 11"	7' - 5"
	Double	5' - 7"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"
	Multiple	5' - 8"	5' - 2"	4' - 9"	4' - 5"	4' - 1"	3' - 10"	3' - 7"

Deflection limit: L/180

Intermediate Connection: Standard 2-hole concealed clip with (2) 1/4"-14 HWH fasteners
 Fastening Method: End Connection: Standard 2-hole concealed with (2) 1/4"-14 HWH fasteners + (4) 1/4"-14 fasteners with 1-1/8" bonded washers at end supports

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.

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