

K-Roc® FX Series
Load / Span Tables
Interior Applications



42" Wide | 16 Ga Steel Support | 26/262

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K-Roc® FX Series

Load / Span Tables

Interior Applications

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	5 PSF	10 PSF	15 PSF
4"	Single	30' - 2"	23' - 2"	15' - 11"
	Double	19' - 5"	10' - 2"	7' - 0"
	Multiple	20' - 0"	10' - 11"	7' - 4"
6"	Single	40' - 7"	23' - 11"	15' - 11"
	Double	19' - 6"	10' - 3"	7' - 1"
	Multiple	20' - 0"	10' - 11"	7' - 4"
8"	Single	47' - 11"	23' - 11"	15' - 11"
	Double	19' - 8"	10' - 5"	7' - 2"
	Multiple	20' - 0"	11' - 0"	7' - 5"

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

Interior Applications

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	5 PSF	10 PSF	15 PSF
4"	Single	31' - 1"	23' - 9"	15' - 11"
	Double	19' - 5"	10' - 2"	7' - 1"
	Multiple	20' - 0"	10' - 11"	7' - 4"
6"	Single	41' - 8"	23' - 11"	15' - 11"
	Double	19' - 6"	10' - 3"	7' - 1"
	Multiple	20' - 0"	10' - 11"	7' - 4"
8"	Single	47' - 11"	23' - 11"	15' - 11"
	Double	19' - 8"	10' - 5"	7' - 3"
	Multiple	20' - 0"	11' - 0"	7' - 5"

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 (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

Interior Applications

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	5 PSF	10 PSF	15 PSF
4"	Single	32' - 1"	23' - 11"	15' - 11"
	Double	19' - 6"	10' - 3"	7' - 1"
	Multiple	20' - 0"	10' - 11"	7' - 4"
6"	Single	43' - 2"	23' - 11"	15' - 11"
	Double	19' - 7"	10' - 4"	7' - 2"
	Multiple	20' - 0"	10' - 11"	7' - 5"
8"	Single	47' - 11"	23' - 11"	15' - 11"
	Double	19' - 9"	10' - 6"	7' - 3"
	Multiple	20' - 0"	11' - 0"	7' - 5"

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 (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

Interior Applications

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	5 PSF	10 PSF	15 PSF
4"	Single	32' - 0"	23' - 11"	15' - 11"
	Double	19' - 6"	10' - 3"	7' - 1"
	Multiple	20' - 0"	10' - 11"	7' - 4"
6"	Single	41' - 9"	23' - 11"	15' - 11"
	Double	19' - 7"	10' - 4"	7' - 2"
	Multiple	20' - 0"	10' - 11"	7' - 5"
8"	Single	47' - 11"	23' - 11"	15' - 11"
	Double	19' - 9"	10' - 6"	7' - 3"
	Multiple	20' - 0"	11' - 0"	7' - 5"

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 (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

Interior Applications

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	5 PSF	10 PSF	15 PSF
4"	Single	33' - 2"	23' - 11"	15' - 11"
	Double	19' - 7"	10' - 3"	7' - 1"
	Multiple	20' - 0"	10' - 11"	7' - 4"
6"	Single	44' - 8"	23' - 11"	15' - 11"
	Double	19' - 8"	10' - 5"	7' - 2"
	Multiple	20' - 0"	11' - 0"	7' - 5"
8"	Single	47' - 11"	23' - 11"	15' - 11"
	Double	19' - 10"	10' - 6"	7' - 3"
	Multiple	20' - 0"	11' - 0"	7' - 5"

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 (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

Interior Applications

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	5 PSF	10 PSF	15 PSF
4"	Single	34' - 6"	23' - 11"	15' - 11"
	Double	19' - 7"	10' - 4"	7' - 2"
	Multiple	20' - 0"	10' - 11"	7' - 5"
6"	Single	46' - 6"	23' - 11"	15' - 11"
	Double	19' - 9"	10' - 5"	7' - 3"
	Multiple	20' - 0"	11' - 0"	7' - 5"
8"	Single	47' - 11"	23' - 11"	15' - 11"
	Double	19' - 11"	10' - 7"	7' - 4"
	Multiple	20' - 0"	11' - 0"	7' - 6"

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.

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