

KingSeam Allowable Load / Span Tables

Facer Gauges: 26 ga exterior / 26 ga interior

Steel Support: 3/16"													
Panel Thickness	Span Condition	Negative Wind Pressure											
		20 PSF	25 PSF	30 PSF	35 PSF	40 PSF	45 PSF	50 PSF	55 PSF	60 PSF	65 PSF	70 PSF	75 PSF
3.25"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	10'-11"	8'-10"	7'-6"	6'-6"	5'-9"	5'-2"	4'-8"	4'-3"	3'-10"	3'-6"	3'-3"	3'-0"
	Multiple	12'-0"	9'-8"	8'-1"	6'-11"	6'-1"	5'-5"	4'-11"	4'-5"	4'-0"	3'-7"	3'-4"	3'-1"
4"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	11'-0"	8'-11"	7'-7"	6'-7"	5'-10"	5'-3"	4'-8"	4'-2"	3'-9"	3'-5"	3'-2"	2'-11"
	Multiple	12'-1"	9'-8"	8'-1"	6'-11"	6'-1"	5'-5"	4'-10"	4'-4"	3'-11"	3'-7"	3'-3"	3'-0"
5"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	11'-2"	9'-1"	7'-8"	6'-8"	5'-11"	5'-2"	4'-7"	4'-1"	3'-8"	3'-5"	3'-1"	2'-11"
	Multiple	12'-1"	9'-8"	8'-1"	7'-0"	6'-1"	5'-4"	4'-9"	4'-3"	3'-10"	3'-6"	3'-3"	3'-0"
6"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	11'-3"	9'-2"	7'-10"	6'-9"	5'-9"	5'-0"	4'-6"	4'-0"	3'-8"	3'-4"	3'-1"	2'-10"
	Multiple	12'-1"	9'-9"	8'-2"	6'-11"	6'-0"	5'-3"	4'-8"	4'-2"	3'-9"	3'-5"	3'-2"	2'-11"

Deflection Limit:	L/240
Fastening Method:	Concealed clip w/ (2) 1/4" TEK fasteners
Wind Pressure:	ASD, Service Loads
Thermal Differential:	EXCLUDED
Minimum Support Steel Properties:	16 ga, 14 ga & 12 ga Grade 50 (Fu = 65 ksi) ; 3/16" Grade 36 (Fu = 58 ksi)
DB Fastener pull-out values per supporting steel gauge:	16 ga = 785 lbs, 14 ga = 1,035 lbs, 12 ga = 1,665 lbs, and 3/16" = 3,115 lbs

Notes to tables: Spans shown are for negative 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.



KingSeam Allowable Load / Span Tables

Facer Gauges: 26 ga exterior / 26 ga interior

Steel Support: 12 ga													
Panel Thickness	Span Condition	Negative Wind Pressure											
		20 PSF	25 PSF	30 PSF	35 PSF	40 PSF	45 PSF	50 PSF	55 PSF	60 PSF	65 PSF	70 PSF	75 PSF
3.25"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	10'-11"	8'-10"	7'-6"	6'-6"	5'-9"	5'-2"	4'-8"	4'-3"	3'-10"	3'-6"	3'-3"	3'-0"
	Multiple	12'-0"	9'-8"	8'-1"	6'-11"	6'-1"	5'-5"	4'-11"	4'-5"	4'-0"	3'-7"	3'-4"	3'-1"
4"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	11'-0"	8'-11"	7'-7"	6'-7"	5'-10"	5'-3"	4'-8"	4'-2"	3'-9"	3'-5"	3'-2"	2'-11"
	Multiple	12'-1"	9'-8"	8'-1"	6'-11"	6'-1"	5'-5"	4'-10"	4'-4"	3'-11"	3'-7"	3'-3"	3'-0"
5"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	11'-2"	9'-1"	7'-8"	6'-8"	5'-11"	5'-2"	4'-7"	4'-1"	3'-8"	3'-5"	3'-1"	2'-11"
	Multiple	12'-1"	9'-8"	8'-1"	7'-0"	6'-1"	5'-4"	4'-9"	4'-3"	3'-10"	3'-6"	3'-3"	3'-0"
6"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	11'-3"	9'-2"	7'-10"	6'-9"	5'-9"	5'-0"	4'-6"	4'-0"	3'-8"	3'-4"	3'-1"	2'-10"
	Multiple	12'-1"	9'-9"	8'-2"	6'-11"	6'-0"	5'-3"	4'-8"	4'-2"	3'-9"	3'-5"	3'-2"	2'-11"

Deflection Limit:	L/240
Fastening Method:	Concealed clip w/ (2) 1/4" TEK fasteners
Wind Pressure:	ASD, Service Loads
Thermal Differential:	EXCLUDED
Minimum Support Steel Properties:	16 ga, 14 ga & 12 ga Grade 50 (Fu = 65 ksi) ; 3/16" Grade 36 (Fu = 58 ksi)
DB Fastener pull-out values per supporting steel gauge:	16 ga = 785 lbs, 14 ga = 1,035 lbs, 12 ga = 1,665 lbs, and 3/16" = 3,115 lbs

Notes to tables: Spans shown are for negative 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.



KingSeam Allowable Load / Span Tables

Facer Gauges: 26 ga exterior / 26 ga interior

Steel Support: 14 ga													
Panel Thickness	Span Condition	Negative Wind Pressure											
		20 PSF	25 PSF	30 PSF	35 PSF	40 PSF	45 PSF	50 PSF	55 PSF	60 PSF	65 PSF	70 PSF	75 PSF
3.25"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	8'-8"	7'-1"	6'-0"	5'-3"	4'-7"	4'-2"	3'-9"	3'-5"	3'-2"	2'-11"	2'-9"	2'-7"
	Multiple	9'-6"	7'-7"	6'-4"	5'-6"	4'-10"	4'-3"	3'-10"	3'-6"	3'-3"	3'-0"	2'-10"	2'-7"
4"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	8'-9"	7'-2"	6'-1"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"	2'-7"
	Multiple	9'-6"	7'-7"	6'-5"	5'-6"	4'-10"	4'-4"	3'-11"	3'-7"	3'-3"	3'-0"	2'-10"	2'-8"
5"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	8'-11"	7'-3"	6'-2"	5'-4"	4'-9"	4'-3"	3'-10"	3'-6"	3'-3"	3'-0"	2'-10"	2'-8"
	Multiple	9'-6"	7'-8"	6'-5"	5'-6"	4'-10"	4'-4"	3'-11"	3'-7"	3'-3"	3'-0"	2'-10"	2'-8"
6"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	9'-0"	7'-5"	6'-3"	5'-5"	4'-10"	4'-4"	3'-11"	3'-7"	3'-3"	3'-1"	2'-10"	2'-8"
	Multiple	9'-7"	7'-8"	6'-5"	5'-7"	4'-11"	4'-4"	3'-11"	3'-7"	3'-4"	3'-1"	2'-10"	2'-8"

Deflection Limit:	L/240
Fastening Method:	Concealed clip w/ (2) 1/4" TEK fasteners
Wind Pressure:	ASD, Service Loads
Thermal Differential:	EXCLUDED
Minimum Support Steel Properties:	16 ga, 14 ga & 12 ga Grade 50 (Fu = 65 ksi) ; 3/16" Grade 36 (Fu = 58 ksi)
DB Fastener pull-out values per supporting steel gauge:	16 ga = 785 lbs, 14 ga = 1,035 lbs, 12 ga = 1,665 lbs, and 3/16" = 3,115 lbs

Notes to tables: Spans shown are for negative 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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Facer Gauges: 26 ga exterior / 26 ga interior

Steel Support: 16 ga													
Panel Thickness	Span Condition	Negative Wind Pressure											
		20 PSF	25 PSF	30 PSF	35 PSF	40 PSF	45 PSF	50 PSF	55 PSF	60 PSF	65 PSF	70 PSF	75 PSF
3.25"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	6'-9"	5'-6"	4'-8"	4'-1"	3'-7"	3'-3"	2'-11"	2'-8"	2'-6"	2'-3"	2'-1"	2'-1"
	Multiple	7'-2"	5'-10"	4'-10"	4'-2"	3'-8"	3'-3"	3'-0"	2'-8"	2'-6"	2'-4"	2'-2"	2'-1"
4"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	6'-9"	5'-6"	4'-8"	4'-1"	3'-7"	3'-3"	2'-11"	2'-8"	2'-6"	2'-3"	2'-1"	2'-1"
	Multiple	7'-2"	5'-10"	4'-10"	4'-2"	3'-8"	3'-3"	3'-0"	2'-8"	2'-6"	2'-4"	2'-2"	2'-1"
5"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	6'-11"	5'-8"	4'-10"	4'-2"	3'-8"	3'-3"	3'-0"	2'-9"	2'-6"	2'-4"	2'-2"	2'-1"
	Multiple	7'-3"	5'-10"	4'-11"	4'-3"	3'-9"	3'-4"	3'-0"	2'-9"	2'-6"	2'-4"	2'-2"	2'-2"
6"	Single	10'-7"	8'-5"	7'-0"	6'-0"	5'-3"	4'-8"	4'-2"	3'-10"	3'-6"	3'-3"	3'-0"	2'-9"
	Double	7'-0"	5'-9"	4'-10"	4'-3"	3'-9"	3'-4"	3'-0"	2'-9"	2'-6"	2'-4"	2'-2"	2'-2"
	Multiple	7'-4"	5'-11"	4'-11"	4'-3"	3'-9"	3'-4"	3'-0"	2'-9"	2'-6"	2'-4"	2'-2"	2'-2"

Deflection Limit:	L/240
Fastening Method:	Concealed clip w/ (2) 1/4" TEK fasteners
Wind Pressure:	ASD, Service Loads
Thermal Differential:	EXCLUDED
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