

KingSeam® Allowable Load / Span Tables (Gravity)

Facer Gauges: 22ga/22ga

Positive Gravity Load (Including Panel Weight)																
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	80 PSF	85 PSF	90 PSF
3.25"	Single	14'-11"	12'-4"	10'-6"	9'-1"	8'-1"	7'-3"	6'-7"	6'-0"	5'-6"	5'-1"	4'-9"	4'-6"	4'-2"	3'-11"	3'-9"
	Double	12'-6"	10'-5"	9'-0"	7'-11"	7'-1"	6'-5"	5'-11"	5'-5"	5'-1"	4'-9"	4'-5"	4'-2"	3'-11"	3'-9"	3'-7"
	Multiple	12'-8"	10'-6"	9'-0"	7'-11"	7'-0"	6'-4"	5'-10"	5'-4"	4'-11"	4'-7"	4'-4"	4'-1"	3'-10"	3'-8"	3'-5"
4"	Single	17'-7"	14'-10"	12'-8"	11'-0"	9'-9"	8'-9"	7'-11"	7'-3"	6'-8"	6'-2"	5'-9"	5'-5"	5'-1"	4'-9"	4'-6"
	Double	15'-0"	12'-6"	10'-10"	9'-6"	8'-6"	7'-9"	7'-1"	6'-7"	6'-1"	5'-8"	5'-4"	5'-0"	4'-9"	4'-6"	4'-3"
	Multiple	15'-2"	12'-7"	10'-10"	9'-6"	8'-5"	7'-8"	7'-0"	6'-5"	5'-11"	5'-7"	5'-2"	4'-11"	4'-7"	4'-5"	4'-2"
5"	Single	20'-2"	18'-2"	15'-6"	13'-6"	12'-0"	10'-9"	9'-9"	8'-11"	8'-3"	7'-8"	7'-1"	6'-8"	6'-3"	5'-11"	5'-7"
	Double	18'-3"	15'-4"	13'-3"	11'-8"	10'-5"	9'-6"	8'-8"	8'-0"	7'-5"	7'-0"	6'-6"	6'-2"	5'-10"	5'-6"	5'-3"
	Multiple	18'-7"	15'-5"	13'-3"	11'-8"	10'-4"	9'-4"	8'-7"	7'-11"	7'-4"	6'-10"	6'-5"	6'-0"	5'-8"	5'-5"	5'-1"
6"	Single	22'-6"	20'-7"	18'-5"	16'-1"	14'-3"	12'-9"	11'-7"	10'-7"	9'-9"	9'-1"	8'-6"	7'-11"	7'-5"	7'-0"	6'-8"
	Double	21'-7"	18'-1"	15'-8"	13'-10"	12'-5"	11'-3"	10'-4"	9'-6"	8'-10"	8'-3"	7'-9"	7'-4"	6'-11"	6'-7"	6'-3"
	Multiple	20'-0"	18'-4"	15'-8"	13'-9"	12'-4"	11'-1"	10'-2"	9'-4"	8'-8"	8'-1"	7'-7"	7'-2"	6'-9"	6'-5"	6'-1"
Deflection Limit:		L/240														
Fastening Methods:		Concealed clip with (2) 1/4" DB fasteners TEK screws														
Gravity loads:		ASD, Service Loads														
Thermal differential:		EXCLUDED														



KingSeam® Allowable Load / Span Tables (Gravity)

Facer Gauges: 22ga/24ga

Positive Gravity Load (Including Panel Weight)																
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	80 PSF	85 PSF	90 PSF
3.25"	Single	15'-0"	12'-6"	10'-8"	9'-3"	8'-2"	7'-4"	6'-8"	6'-1"	5'-7"	5'-2"	4'-10"	4'-6"	4'-3"	4'-0"	3'-9"
	Double	12'-8"	10'-7"	9'-1"	8'-0"	7'-2"	6'-6"	5'-11"	5'-6"	5'-1"	4'-9"	4'-5"	4'-2"	3'-11"	3'-9"	3'-7"
	Multiple	12'-10"	10'-8"	9'-1"	7'-11"	7'-1"	6'-5"	5'-10"	5'-4"	5'-0"	4'-8"	4'-4"	4'-1"	3'-10"	3'-8"	3'-6"
4"	Single	17'-1"	15'-0"	12'-9"	11'-1"	9'-10"	8'-10"	8'-0"	7'-4"	6'-9"	6'-3"	5'-10"	5'-5"	5'-1"	4'-10"	4'-7"
	Double	15'-2"	12'-8"	10'-11"	9'-7"	8'-7"	7'-9"	7'-1"	6'-7"	6'-1"	5'-8"	5'-4"	5'-0"	4'-9"	4'-6"	4'-3"
	Multiple	15'-5"	12'-9"	10'-11"	9'-7"	8'-6"	7'-8"	7'-0"	6'-5"	6'-0"	5'-7"	5'-3"	4'-11"	4'-8"	4'-5"	4'-2"
5"	Single	19'-7"	18'-0"	15'-8"	13'-8"	12'-1"	10'-10"	9'-10"	9'-0"	8'-3"	7'-8"	7'-2"	6'-8"	6'-4"	5'-11"	5'-7"
	Double	18'-6"	15'-5"	13'-4"	11'-9"	10'-6"	9'-6"	8'-8"	8'-0"	7'-5"	7'-0"	6'-6"	6'-2"	5'-10"	5'-6"	5'-3"
	Multiple	18'-10"	15'-7"	13'-4"	11'-8"	10'-5"	9'-5"	8'-7"	7'-11"	7'-4"	6'-10"	6'-5"	6'-0"	5'-8"	5'-5"	5'-1"
6"	Single	21'-10"	20'-1"	18'-7"	16'-2"	14'-4"	12'-11"	11'-8"	10'-8"	9'-10"	9'-2"	8'-6"	8'-0"	7'-6"	7'-1"	6'-8"
	Double	21'-10"	18'-3"	15'-9"	13'-10"	12'-5"	11'-3"	10'-4"	9'-6"	8'-10"	8'-3"	7'-9"	7'-4"	6'-11"	6'-7"	6'-3"
	Multiple	20'-0"	18'-6"	15'-10"	13'-10"	12'-4"	11'-2"	10'-2"	9'-4"	8'-8"	8'-1"	7'-7"	7'-2"	6'-9"	6'-5"	6'-1"
Deflection Limit:		L/240														
Fastening Methods:		Concealed clip with (2) 1/4" DB fasteners TEK screws														
Gravity loads:		ASD, Service Loads														
Thermal differential:		EXCLUDED														



KingSeam® Allowable Load / Span Tables (Gravity)

Facer Gauges: 22ga/26ga

Positive Gravity Load (Including Panel Weight)																
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	80 PSF	85 PSF	90 PSF
3.25"	Single	14'-6"	12'-9"	10'-10"	9'-5"	8'-3"	7'-5"	6'-9"	6'-2"	5'-8"	5'-3"	4'-10"	4'-7"	4'-3"	4'-0"	3'-10"
	Double	12'-10"	10'-8"	9'-2"	8'-1"	7'-2"	6'-6"	5'-11"	5'-6"	5'-1"	4'-9"	4'-5"	4'-2"	4'-0"	3'-9"	3'-7"
	Multiple	13'-1"	10'-9"	9'-2"	8'-0"	7'-2"	6'-5"	5'-10"	5'-5"	5'-0"	4'-8"	4'-4"	4'-1"	3'-10"	3'-8"	3'-6"
4"	Single	16'-6"	15'-2"	13'-0"	11'-3"	9'-11"	8'-11"	8'-1"	7'-5"	6'-10"	6'-4"	5'-10"	5'-6"	5'-2"	4'-10"	4'-7"
	Double	15'-4"	12'-9"	10'-11"	9'-8"	8'-7"	7'-9"	7'-1"	6'-7"	6'-1"	5'-8"	5'-4"	5'-0"	4'-9"	4'-6"	4'-3"
	Multiple	15'-8"	12'-11"	11'-0"	9'-8"	8'-7"	7'-9"	7'-0"	6'-6"	6'-0"	5'-7"	5'-3"	4'-11"	4'-8"	4'-5"	4'-2"
5"	Single	18'-11"	17'-4"	15'-11"	13'-10"	12'-3"	10'-11"	9'-11"	9'-1"	8'-4"	7'-9"	7'-3"	6'-9"	6'-4"	6'-0"	5'-8"
	Double	18'-8"	15'-7"	13'-4"	11'-9"	10'-6"	9'-6"	8'-8"	8'-0"	7'-5"	6'-11"	6'-6"	6'-2"	5'-10"	5'-6"	5'-3"
	Multiple	19'-1"	15'-9"	13'-6"	11'-10"	10'-6"	9'-5"	8'-7"	7'-11"	7'-4"	6'-10"	6'-5"	6'-0"	5'-8"	5'-5"	5'-1"
6"	Single	21'-1"	19'-4"	18'-0"	16'-4"	14'-6"	13'-0"	11'-9"	10'-9"	9'-11"	9'-2"	8'-7"	8'-0"	7'-6"	7'-1"	6'-9"
	Double	21'-7"	18'-4"	15'-10"	13'-11"	12'-5"	11'-3"	10'-4"	9'-6"	8'-10"	8'-3"	7'-9"	7'-3"	6'-11"	6'-6"	6'-3"
	Multiple	20'-0"	18'-8"	15'-11"	13'-11"	12'-5"	11'-2"	10'-2"	9'-5"	8'-8"	8'-1"	7'-7"	7'-2"	6'-9"	6'-5"	6'-1"
Deflection Limit:		L/240														
Fastening Methods:		Concealed clip with (2) 1/4" DB fasteners TEK screws														
Gravity loads:		ASD, Service Loads														
Thermal differential:		EXCLUDED														



KingSeam® Allowable Load / Span Tables (Gravity)

Facer Gauges: 24ga/24ga

Positive Gravity Load (Including Panel Weight)																
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	80 PSF	85 PSF	90 PSF
3.25"	Single	14'-7"	12'-7"	10'-8"	9'-3"	8'-2"	7'-4"	6'-8"	6'-1"	5'-7"	5'-2"	4'-10"	4'-6"	4'-3"	4'-0"	3'-9"
	Double	12'-8"	10'-7"	9'-1"	8'-0"	7'-2"	6'-5"	5'-11"	5'-5"	5'-1"	4'-9"	4'-5"	4'-2"	3'-11"	3'-9"	3'-6"
	Multiple	12'-11"	10'-8"	9'-1"	8'-0"	7'-1"	6'-5"	5'-10"	5'-4"	4'-11"	4'-7"	4'-4"	4'-1"	3'-10"	3'-8"	3'-5"
4"	Single	16'-7"	15'-2"	12'-10"	11'-2"	9'-11"	8'-10"	8'-0"	7'-4"	6'-9"	6'-3"	5'-10"	5'-5"	5'-1"	4'-10"	4'-7"
	Double	15'-3"	12'-8"	10'-11"	9'-7"	8'-7"	7'-9"	7'-1"	6'-6"	6'-1"	5'-8"	5'-4"	5'-0"	4'-9"	4'-6"	4'-3"
	Multiple	15'-6"	12'-10"	11'-0"	9'-7"	8'-6"	7'-8"	7'-0"	6'-5"	5'-11"	5'-7"	5'-2"	4'-11"	4'-7"	4'-4"	4'-2"
5"	Single	19'-1"	17'-6"	15'-10"	13'-9"	12'-2"	10'-11"	9'-11"	9'-0"	8'-4"	7'-8"	7'-2"	6'-9"	6'-4"	5'-11"	5'-8"
	Double	18'-7"	15'-6"	13'-4"	11'-9"	10'-6"	9'-6"	8'-8"	8'-0"	7'-5"	6'-11"	6'-6"	6'-2"	5'-10"	5'-6"	5'-3"
	Multiple	19'-0"	15'-9"	13'-5"	11'-9"	10'-5"	9'-5"	8'-7"	7'-11"	7'-4"	6'-10"	6'-5"	6'-0"	5'-8"	5'-4"	5'-1"
6"	Single	21'-3"	19'-6"	18'-1"	16'-4"	14'-5"	12'-11"	11'-9"	10'-9"	9'-11"	9'-2"	8'-7"	8'-0"	7'-6"	7'-1"	6'-9"
	Double	22'-0"	18'-4"	15'-9"	13'-10"	12'-5"	11'-3"	10'-3"	9'-6"	8'-10"	8'-3"	7'-9"	7'-3"	6'-11"	6'-6"	6'-2"
	Multiple	20'-0"	18'-7"	15'-11"	13'-11"	12'-5"	11'-2"	10'-2"	9'-4"	8'-8"	8'-1"	7'-7"	7'-1"	6'-9"	6'-5"	6'-1"
Deflection Limit:		L/240														
Fastening Methods:		Concealed clip with (2) 1/4" DB fasteners TEK screws														
Gravity loads:		ASD, Service Loads														
Thermal differential:		EXCLUDED														



KingSeam® Allowable Load / Span Tables (Gravity)

Facer Gauges: 26ga/26ga

Positive Gravity Load (Including Panel Weight)																
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	80 PSF	85 PSF	90 PSF
3.25"	Single	13'-8"	12'-7"	10'-11"	9'-5"	8'-4"	7'-5"	6'-9"	6'-2"	5'-8"	5'-3"	4'-10"	4'-7"	4'-3"	4'-0"	3'-10"
	Double	13'-0"	10'-9"	9'-2"	8'-0"	7'-2"	6'-6"	5'-11"	5'-5"	5'-0"	4'-8"	4'-5"	4'-2"	3'-11"	3'-8"	3'-6"
	Multiple	13'-3"	10'-11"	9'-3"	8'-1"	7'-2"	6'-5"	5'-10"	5'-4"	4'-11"	4'-7"	4'-4"	4'-1"	3'-10"	3'-7"	3'-5"
4"	Single	15'-7"	14'-4"	13'-2"	11'-5"	10'-1"	9'-0"	8'-2"	7'-5"	6'-10"	6'-4"	5'-11"	5'-6"	5'-2"	4'-10"	4'-7"
	Double	15'-7"	12'-10"	11'-0"	9'-8"	8'-7"	7'-9"	7'-1"	6'-6"	6'-1"	5'-8"	5'-3"	5'-0"	4'-8"	4'-5"	4'-3"
	Multiple	15'-11"	13'-1"	11'-2"	9'-8"	8'-7"	7'-9"	7'-0"	6'-5"	6'-0"	5'-7"	5'-2"	4'-11"	4'-7"	4'-4"	4'-2"
5"	Single	17'-11"	16'-6"	15'-4"	14'-0"	12'-4"	11'-1"	10'-0"	9'-2"	8'-5"	7'-9"	7'-3"	6'-9"	6'-4"	6'-0"	5'-8"
	Double	19'-0"	15'-9"	13'-6"	11'-9"	10'-6"	9'-6"	8'-8"	8'-0"	7'-5"	6'-11"	6'-6"	6'-1"	5'-9"	5'-6"	5'-2"
	Multiple	19'-6"	16'-0"	13'-8"	11'-11"	10'-7"	9'-6"	8'-8"	7'-11"	7'-4"	6'-10"	6'-4"	6'-0"	5'-8"	5'-4"	5'-1"
6"	Single	20'-0"	18'-5"	17'-1"	16'-0"	14'-8"	13'-2"	11'-11"	10'-10"	10'-0"	9'-3"	8'-7"	8'-1"	7'-7"	7'-2"	6'-9"
	Double	21'-5"	18'-7"	15'-11"	13'-11"	12'-5"	11'-3"	10'-3"	9'-6"	8'-9"	8'-2"	7'-8"	7'-3"	6'-10"	6'-6"	6'-2"
	Multiple	20'-0"	19'-0"	16'-2"	14'-1"	12'-6"	11'-3"	10'-3"	9'-5"	8'-8"	8'-1"	7'-7"	7'-1"	6'-9"	6'-4"	6'-0"
Deflection Limit:		L/240														
Fastening Methods:		Concealed clip with (2) 1/4" DB fasteners TEK screws														
Gravity loads:		ASD, Service Loads														
Thermal differential:		EXCLUDED														



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