

CUTTING CROWN MOULDING WITH DELTA FRAME & TRIM SAWS AND COMPOUND MITER SAWS

Cutting the more popular 52/38 degree ceiling/wall angle crown moulding, shown in Fig. 1, is a fast and easy operation when using Delta Frame & Trim Saws and Compound Miter Saws, when the angle between the walls is 90 degrees. With Frame & Trim Saws, a built-in miter stop at 31.62 degrees right and left, and a bevel indicator at 33.86 degrees is provided. With Compound Miter Saws, the miter angle of 31.62 degrees right and left, and the bevel angle of 33.86 degrees is provided on the miter and bevel scales by means of a triangle indicator.

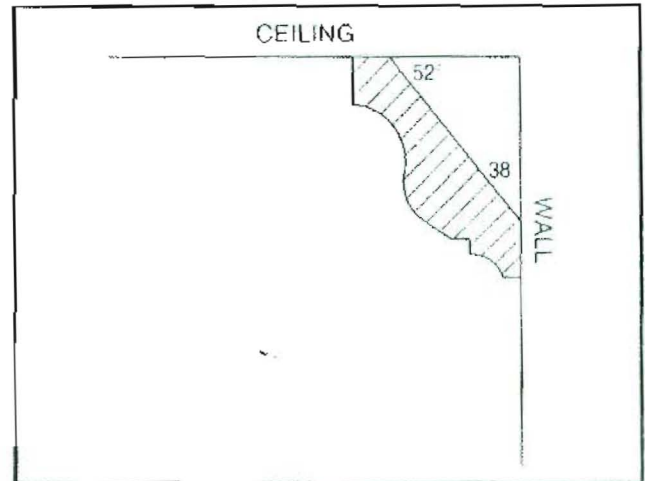


Fig. 1

If the angle between the walls is other than 90 degrees or if you are using 45/45 degree ceiling/wall crown moulding, as shown in Fig. 2, different miter and bevel settings of the blade are necessary.

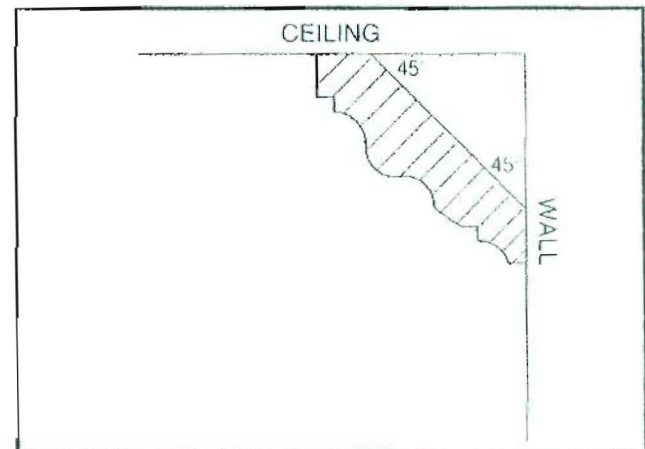


Fig. 2

The following chart illustrates the miter and bevel angle settings of the saw blade for both 52/38 degree and 45/45 degree crown moulding, when the angle between the walls range from 67 degrees to 179 degrees as shown in Fig. 3.

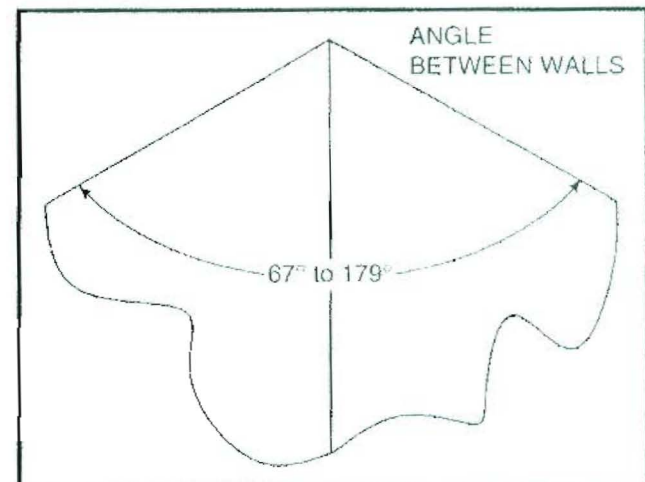


Fig. 3

ANGLE BETWEEN WALLS	52/38° CROWN MOULDING		45/45° CROWN MOULDING	
	MITER SETTING	BEVEL SETTING	MITER SETTING	BEVEL SETTING
67°	42.93°	41.08°	46.89°	36.13°
68°	42.39°	40.79°	46.35°	35.89°
69°	41.85°	40.50°	45.81°	35.64°
70°	41.32°	40.20°	45.28°	35.40°
71°	40.79°	39.90°	44.75°	35.15°
72°	40.28°	39.61°	44.22°	34.89°
73°	39.76°	39.30°	43.70°	34.64°
74°	39.25°	39.00°	43.18°	34.38°
75°	38.74°	38.69°	42.66°	34.12°
76°	38.24°	38.39°	42.15°	33.86°
77°	37.74°	38.08°	41.64°	33.60°
78°	37.24°	37.76°	41.13°	33.33°
79°	36.75°	37.45°	40.62°	33.07°
80°	36.27°	37.13°	40.12°	32.80°
81°	35.79°	36.81°	39.62°	32.53°
82°	35.31°	36.49°	39.13°	32.25°
83°	34.83°	36.17°	38.63°	31.98°
84°	34.36°	35.85°	38.14°	31.70°
85°	33.90°	35.52°	37.66°	31.42°
86°	33.43°	35.19°	37.17°	31.14°
87°	32.97°	34.86°	36.69°	30.86°
88°	32.52°	34.53°	36.21°	30.57°
89°	32.07°	34.20°	35.74°	30.29°
★ 90°	★ 31.62°	★ 33.86°	35.26°	30.00°
91°	31.17°	33.53°	34.79°	29.71°
92°	30.73°	33.19°	34.33°	29.42°
93°	30.30°	32.85°	33.86°	29.13°
94°	29.86°	32.51°	33.40°	28.83°
95°	29.43°	32.17°	32.94°	28.54°
96°	29.00°	31.82°	32.48°	28.24°
97°	28.58°	31.48°	32.02°	27.94°
98°	28.16°	31.13°	31.58°	27.64°
99°	27.74°	30.78°	31.13°	27.34°
100°	27.32°	30.43°	30.68°	27.03°
101°	26.91°	30.08°	30.24°	26.73°
102°	26.50°	29.73°	29.80°	26.42°
103°	26.09°	29.38°	29.36°	26.12°
104°	25.69°	29.02°	28.92°	25.81°

★ POSITIVE MITER STOP AND BEVEL INDICATOR PROVIDED ON FRAME & TRIM SAWS
 TRIANGLE INDICATORS PROVIDED ON SCALES OF COMPOUND MITER SAWS

ANGLE BETWEEN WALLS	52/38 CROWN MOULDING		45/45 CROWN MOULDING	
	MITER SETTING	BEVEL SETTING	MITER SETTING	BEVEL SETTING
105°	25.29°	28.67°	28.48°	25.50°
106°	24.89°	28.31°	28.05°	25.19°
107°	24.49°	27.95°	27.62°	24.87°
108°	24.10°	27.59°	27.19°	24.56°
109°	23.71°	27.23°	26.77°	24.24°
110°	23.32°	26.87°	26.34°	23.93°
111°	22.93°	26.51°	25.92°	23.61°
112°	22.55°	26.15°	25.50°	23.29°
113°	22.17°	25.78°	25.08°	22.97°
114°	21.79°	25.42°	24.66°	22.65°
115°	21.42°	25.05°	24.25°	22.33°
116°	21.04°	24.68°	23.84°	22.01°
117°	20.67°	24.31°	23.43°	21.68°
118°	20.30°	23.94°	23.02°	21.36°
119°	19.93°	23.57°	22.61°	21.03°
120°	19.57°	23.20°	22.21°	20.70°
121°	19.20°	22.83°	21.80°	20.38°
122°	18.84°	22.46°	21.40°	20.05°
123°	18.48°	22.09°	21.00°	19.72°
124°	18.13°	21.71°	20.61°	19.39°
125°	17.77°	21.34°	20.21°	19.06°
126°	17.42°	20.96°	19.81°	18.72°
127°	17.06°	20.59°	19.42°	18.39°
128°	16.71°	20.21°	19.03°	18.06°
129°	16.37°	19.83°	18.64°	17.72°
130°	16.02°	19.45°	18.25°	17.39°
131°	15.67°	19.07°	17.86°	17.05°
132°	15.33°	18.69°	17.48°	16.71°
133°	14.99°	18.31°	17.09°	16.38°
134°	14.65°	17.93°	16.71°	16.04°
135°	14.30°	17.55°	16.32°	15.70°
136°	13.97°	17.17°	15.94°	15.36°
137°	13.63°	16.79°	15.56°	15.02°
138°	13.30°	16.40°	15.19°	14.68°
139°	12.96°	16.02°	14.81°	14.34°
140°	12.63°	15.64°	14.43°	14.00°
141°	12.30°	15.25°	14.06°	13.65°
142°	11.97°	14.87°	13.68°	13.31°

ANGLE BETWEEN WALLS	52/38° CROWN MOULDING		45/45° CROWN MOULDING	
	MITER SETTING	BEVEL SETTING	MITER SETTING	BEVEL SETTING
143°	11.64°	14.48°	13.31°	12.97°
144°	11.31°	14.09°	12.94°	12.62°
145°	10.99°	13.71°	12.57°	12.28°
146°	10.66°	13.32°	12.20°	11.93°
147°	10.34°	12.93°	11.83°	11.59°
148°	10.01°	12.54°	11.46°	11.24°
149°	9.69°	12.16°	11.09°	10.89°
150°	9.37°	11.77°	10.73°	10.55°
151°	9.05°	11.38°	10.36°	10.20°
152°	8.73°	10.99°	10.00°	9.85°
153°	8.41°	10.60°	9.63°	9.50°
154°	8.09°	10.21°	9.27°	9.15°
155°	7.77°	9.82°	8.91°	8.80°
156°	7.46°	9.43°	8.55°	8.45°
157°	7.14°	9.04°	8.19°	8.10°
158°	6.82°	8.65°	7.83°	7.75°
159°	6.51°	8.26°	7.47°	7.40°
160°	6.20°	7.86°	7.11°	7.05°
161°	5.88°	7.47°	6.75°	6.70°
162°	5.57°	7.08°	6.39°	6.35°
163°	5.26°	6.69°	6.03°	6.00°
164°	4.95°	6.30°	5.68°	5.65°
165°	4.63°	5.90°	5.32°	5.30°
166°	4.32°	5.51°	4.96°	4.94°
167°	4.01°	5.12°	4.61°	5.59°
168°	3.70°	4.72°	4.25°	4.24°
169°	3.39°	4.33°	3.90°	3.89°
170°	3.08°	3.94°	3.54°	3.53°
171°	2.77°	3.54°	3.19°	3.18°
172°	2.47°	3.15°	2.83°	2.83°
173°	2.15°	2.75°	2.48°	2.47°
174°	1.85°	2.36°	2.12°	2.12°
175°	1.54°	1.97°	1.77°	1.77°
176°	1.23°	1.58°	1.41°	1.41°
177°	.92°	1.18°	1.06°	1.06°
178°	.62°	.79°	.71°	.71°
179°	.31°	.39°	.35°	.35°

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