Acute and obtuse angled corners are formed by using MevaLite articulated inside and outside corners. Steel rails are attached to the multi-function profile at the tie hole elevation of the outside corner assembly to provide alignment. (In case of multi-purpose panels, steel rails are attached to the multi-adjustment profile using threadbars or taper ties.) If wooden fillers are used, the panel profiles are connected using Uni-assembly locks.

Side length of outside corner: 5"
Side length of inside corner: 1'
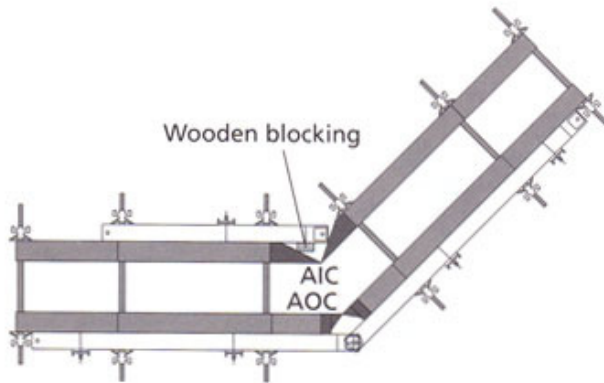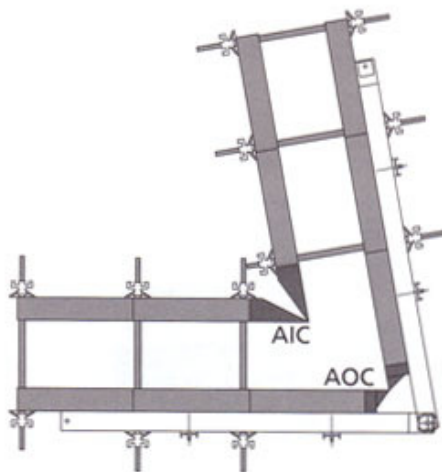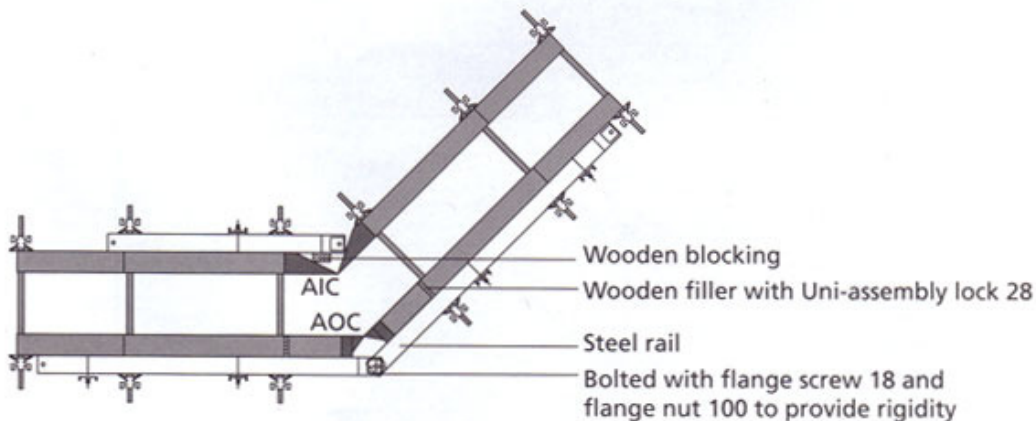Adjustment range: 70° to 220°
(Fig. 19.1 - Fig. 19.3).

Wooden blocking

AIC
AOC

Fig. 19.1

AIC

AOC

Fig. 19.2

Wooden blocking
Wooden filler with Uni-assembly lock 28
Steel rail
Bolted with flange screw 18 and flange nut 100 to provide rigidity

AIC
AOC

Fig. 19.3

Description	Ref.-No.
ML-articulated inside corners	
9'	22-506-10
6'	22-506-20
4'	22-506-30
3'	22-506-40
ML-articulated outside corners	
9'	22-506-60
6'	22-506-70
4'	22-506-80
3'	22-506-90

MevaLite

Articulated corners

If the inside angle is ≥100°, steel rails and wooden blockings have to be used on the inside (Fig. 20.1).

To determine the dimension (y) between the articulated outside corner and the first panel where a tie can be used, see chart below.

If measures are marked in white, watch concrete pressure and pouring rate. In all cases rails must be calculated specifically for each application.
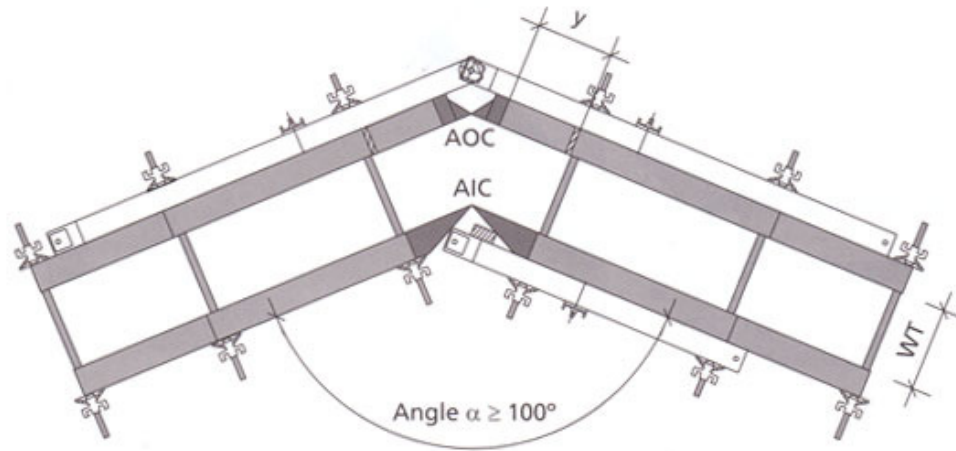
Fig. 20.1

| Wall thickness Angle	WT = 8 inches	WT = 9 inches	WT = 10 inches	WT = 11 inches	WT = 12 inches	WT = 13 inches	WT = 14 inches	WT = 15 inches
A = 70°	y = 18.4"	y = 19.9"	y = 21.3"	y = 22.7"	y = 24.1"	y = 25.6"	y = 27.0"	y = 28.4"
A = 75°	y = 17.4"	y = 18.7"	y = 20.0"	y = 21.3"	y = 22.6"	y = 23.9"	y = 25.2"	y = 26.5"
A = 80°	y = 16.5"	y = 17.7"	y = 18.9"	y = 20.1"	y = 21.3"	y = 22.5"	y = 23.7"	y = 24.9"
A = 85°	y = 15.7"	y = 16.8"	y = 17.9"	y = 19.0"	y = 20.1"	y = 21.2"	y = 22.3"	y = 23.4"
A = 90°	y = 15.0"	y = 16.0"	y = 17.0"	y = 18.0"	y = 19.0"	y = 20.0"	y = 21.0"	y = 22.0"
A = 95°	y = 14.3"	y = 15.2"	y = 16.2"	y = 17.1"	y = 18.0"	y = 18.9"	y = 19.8"	y = 20.7"
A = 100°	y = 13.7"	y = 14.6"	y = 15.4"	y = 16.2"	y = 17.1"	y = 17.9"	y = 18.7"	y = 19.6"
A = 105°	y = 13.1"	y = 13.9"	y = 14.7"	y = 15.4"	y = 16.2"	y = 17.0"	y = 17.7"	y = 18.5"
A = 110°	y = 12.6"	y = 13.3"	y = 14.0"	y = 14.7"	y = 15.4"	y = 16.1"	y = 16.8"	y = 17.5"
A = 115°	y = 12.1"	y = 12.7"	y = 13.4"	y = 14.0"	y = 14.6"	y = 15.3"	y = 15.9"	y = 16.6"
A = 120°	y = 11.6"	y = 12.2"	y = 12.8"	y = 13.4"	y = 13.9"	y = 14.5"	y = 15.1"	y = 15.7"
A = 125°	y = 11.2"	y = 11.7"	y = 12.2"	y = 12.7"	y = 13.2"	y = 13.8"	y = 14.3"	y = 14.8"
A = 130°	y = 10.7"	y = 11.2"	y = 11.7"	y = 12.1"	y = 12.6"	y = 13.1"	y = 13.5"	y = 14.0"
A = 135°	y = 10.3"	y = 10.7"	y = 11.1"	y = 11.6"	y = 12.0"	y = 12.4"	y = 12.8"	y = 13.2"
A = 140°	y = 9.9"	y = 10.3"	y = 10.6"	y = 11.0"	y = 11.4"	y = 11.7"	y = 12.1"	y = 12.5"
A = 145°	y = 9.5"	y = 9.8"	y = 10.2"	y = 10.5"	y = 10.8"	y = 11.1"	y = 11.4"	y = 11.7"
A = 150°	y = 9.1"	y = 9.4"	y = 9.7"	y = 9.9"	y = 10.2"	y = 10.5"	y = 10.8"	y = 11.0"
A = 155°	y = 8.8"	y = 9.0"	y = 9.2"	y = 9.4"	y = 9.7"	y = 9.9"	y = 10.1"	y = 10.3"
A = 160°	y = 8.4"	y = 8.6"	y = 8.8"	y = 8.9"	y = 9.1"	y = 9.3"	y = 9.5"	y = 9.6"
A = 165°	y = 8.1"	y = 8.2"	y = 8.3"	y = 8.4"	y = 8.6"	y = 8.7"	y = 8.8"	y = 9.0"
A = 170°	y = 7.7"	y = 7.8"	y = 7.9"	y = 8.0"	y = 8.0"	y = 8.1"	y = 8.2"	y = 8.3"
A = 175°	y = 7.3"	y = 7.4"	y = 7.4"	y = 7.5"	y = 7.5"	y = 7.6"	y = 7.6"	y = 7.7"
A = 180°	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"

Chart: residual measure (Y)

Articulated corners
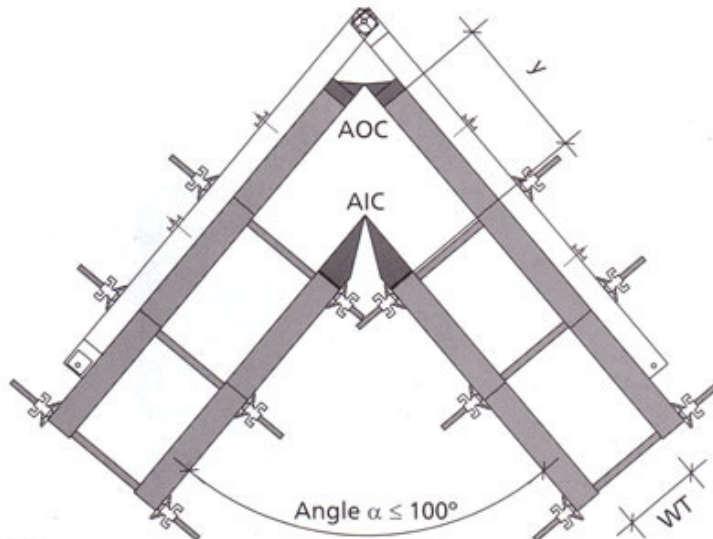
Fig. 21.1

If the inside angle is ≤ 100°, steel rails and wooden blockings are not required on the inside (Fig. 21.1).

To determine the dimension (y) between the articulated outside corner and the first panel where a tie can be used, see chart below. If measures are marked in white, watch concrete pressure and pouring rate. In all cases rails have to be calculated specifically for each application.

Wall thickness / Angle	WT = 16 inches	WT = 17 inches	WT = 18 inches	WT = 19 inches	WT = 20 inches	WT = 21 inches	WT = 22 inches	WT = 23 inches	WT = 24 inches
A = 70°	y = 29.9"	y = 31.3"	y = 32.7"	y = 34.1"	y = 35.6"	y = 37.0"	y = 38.4"	y = 39.8"	y = 41.3"
A = 75°	y = 27.9"	y = 29.2"	y = 30.5"	y = 31.8"	y = 33.1"	y = 34.4"	y = 35.7"	y = 37.0"	y = 38.3"
A = 80°	y = 26.1"	y = 27.3"	y = 28.5"	y = 29.6"	y = 30.8"	y = 32.0"	y = 33.2"	y = 34.4"	y = 35.6"
A = 85°	y = 24.5"	y = 25.6"	y = 26.6"	y = 27.7"	y = 28.8"	y = 29.9"	y = 31.0"	y = 32.1"	y = 33.2"
A = 90°	y = 23.0"	y = 24.0"	y = 25.0"	y = 26.0"	y = 27.0"	y = 28.0"	y = 29.0"	y = 30.0"	y = 31.0"
A = 95°	y = 21.7"	y = 22.6"	y = 23.5"	y = 24.4"	y = 25.3"	y = 26.2"	y = 27.2"	y = 28.1"	y = 29.0"
A = 100°	y = 20.4"	y = 21.3"	y = 22.1"	y = 22.9"	y = 23.8"	y = 24.6"	y = 25.5"	y = 26.3"	y = 27.1"
A = 105°	y = 19.3"	y = 20.0"	y = 20.8"	y = 21.6"	y = 22.3"	y = 23.1"	y = 23.9"	y = 24.6"	y = 25.4"
A = 110°	y = 18.2"	y = 18.9"	y = 19.6"	y = 20.3"	y = 21.0"	y = 21.7"	y = 22.4"	y = 23.1"	y = 23.8"
A = 115°	y = 17.2"	y = 17.8"	y = 18.5"	y = 19.1"	y = 19.7"	y = 20.4"	y = 21.0"	y = 21.7"	y = 22.3"
A = 120°	y = 16.2"	y = 16.8"	y = 17.4"	y = 18.0"	y = 18.5"	y = 19.1"	y = 19.7"	y = 20.3"	y = 20.9"
A = 125°	y = 15.3"	y = 15.8"	y = 16.4"	y = 16.9"	y = 17.4"	y = 17.9"	y = 18.5"	y = 19.0"	y = 19.5"
A = 130°	y = 14.5"	y = 14.9"	y = 15.4"	y = 15.9"	y = 16.3"	y = 16.8"	y = 17.3"	y = 17.7"	y = 18.2"
A = 135°	y = 13.6"	y = 14.0"	y = 14.5"	y = 14.9"	y = 15.3"	y = 15.7"	y = 16.1"	y = 16.5"	y = 16.9"
A = 140°	y = 12.8"	y = 13.2"	y = 13.6"	y = 13.9"	y = 14.3"	y = 14.6"	y = 15.0"	y = 15.4"	y = 15.7"
A = 145°	y = 12.0"	y = 12.4"	y = 12.7"	y = 13.0"	y = 13.3"	y = 13.6"	y = 13.9"	y = 14.3"	y = 14.6"
A = 150°	y = 11.3"	y = 11.6"	y = 11.8"	y = 12.1"	y = 12.4"	y = 12.6"	y = 12.9"	y = 13.2"	y = 13.4"
A = 155°	y = 10.5"	y = 10.8"	y = 11.0"	y = 11.2"	y = 11.4"	y = 11.7"	y = 11.9"	y = 12.1"	y = 12.3"
A = 160°	y = 9.8"	y = 10.0"	y = 10.2"	y = 10.4"	y = 10.5"	y = 10.7"	y = 10.9"	y = 11.1"	y = 11.2"
A = 165°	y = 9.1"	y = 9.2"	y = 9.4"	y = 9.5"	y = 9.6"	y = 9.8"	y = 9.9"	y = 10.0"	y = 10.2"
A = 170°	y = 8.4"	y = 8.5"	y = 8.6"	y = 8.7"	y = 8.7"	y = 8.8"	y = 8.9"	y = 9.0"	y = 9.1"
A = 175°	y = 7.7"	y = 7.7"	y = 7.8"	y = 7.8"	y = 7.9"	y = 7.9"	y = 8.0"	y = 8.0"	y = 8.0"
A = 180°	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"	y = 7.0"

Chart: residual measure (Y)