

Technical Bulletin #14d

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PREMIER PANEL MASTIC USAGE

The installation of Premier SIPs utilizes special mastic that has been formulated specifically for use with Premier SIPs. This formulation of mastic consists of polymers that are designed to remain flexible and provide a seal against water vapor transmission and air infiltration. Although Premier SIPs Panel Mastic has slight, intrinsic, adhesive properties, it should be noted that all of Premier SIPs structural testing has been conducted without the mastic in place.

Premier SIPs Panel Mastic is used in conjunction with Premier SIPs at various locations including bottom plate placement, all foam to foam interfaces, foam to wood interfaces such as top and bottom plate placement and all wood to wood interfaces. The attached chart has taken into account the use of Premier SIPs Panel Mastic in these various areas and will provide you a basis for estimating the amount of mastic required for your Premier SIPs project. Note that the chart has been developed using a 3/8" diameter bead on all foam to foam and wood to foam interfaces and a 3/16" diameter bead for wood to wood interfaces. This means that each joint will typically have 1-3/8" diameter bead and 2-3/16" diameter beads of mastic per foot of panel edge. Allow for waste and other factors when estimating mastic quantities.

ESTIMATING CHART for PREMIER PANEL MASTIC	
Panel Size	Amount of Premier Panel Mastic 28 oz. tube
4' x 8'	0.94
4' x 10'	1.10
4' x 12'	1.26
4' x 14'	1.42
4' x 16'	1.57
4' x 18'	1.73
4' x 20'	1.89
4' x 22'	2.05
4' x 24'	2.20
8' x 8'	1.26
8' x 10'	1.42
8' x 12'	1.57
8' x 14'	1.73
8' x 16'	1.89
8' x 18'	2.05
8' x 20'	2.20
8' x 22'	2.36
8' x 24'	2.52