



Technical Bulletin #14d

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SIP SEAL MASTIC USAGE

The installation of Extreme Panels utilizes special mastic that has been formulated specifically for use with Extreme. 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 SIP SEAL Mastic has slight, intrinsic, adhesive properties, it should be noted that all of Extreme Panels structural testing has been conducted without the mastic in place.

SIP SEAL Mastic is used in conjunction with Extreme Panels 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 SIP SEAL Mastic in these various areas and will provide you a basis for estimating the amount of mastic required for your Extreme 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 SIP SEAL MASTIC	
Panel Size	Amount of SIP SEAL 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