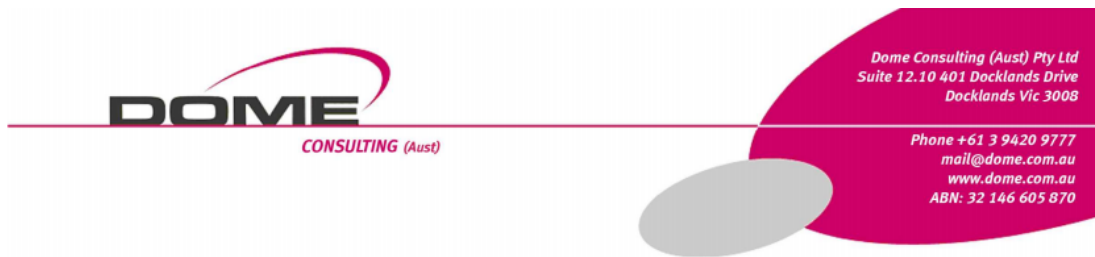


SUNLOCK		Steel battens/purlins	created	JL
Tech. Bulletin	Rev. Nr.		checked	JM
	1.0		valid from	28.06.13

INTRODUCTION

When fixing to steel battens/purlins, the fixing capacity of a roof screw depends on the thickness of the batten. This affects the fixing spacing. The installation drawings in the SunLock installation manual are "one size fits most" with the batten assumed to be 0.75 mm thick.

For sites with battens of a different thickness, please refer to the attached letter from Dome Consulting (Aust) Pty Ltd to determine how to alter the fixing spacing.



To WHOM IT MAY CONCERN

Our Ref: 11034

June 2013

Mr. Jeremy Lawrence
Energy Matters Pty Ltd

Re: Solar Panel Support System

The Sunlock drawings specific a steel batten/purlin thickness of 0.75mm.

Refer to the following table for steel batten/purlin other than 0.75mm:

BATTEN THICKNESS	SCREW FIXING CAPACITY	REQUIRED CHANGE IN SPACING
>1.00mm	2.50KN	INCREASE BY 30%, BUT<1800mm
0.55mm	1.42KN	REDUCE BY 30%
0.48mm	1.24KN	REDUCE BY 40%
0.42mm	1.09KN	REDUCE BY 45%

FURTHER INFORMATION

For further information contact Apollo Energy on 1300 855 484 or sunlock@apolloenergy.com.au.

