

Plaspanel® Installation Techniques

PART 1: EXPANSION & CONTRACTION

Issue: 2 July 2010

Technical Data Sheet

It is important when installing Plaspanel® (HDPE) that the material properties are considered such as expansion and contraction rates etc. particularly for external applications. These are guidelines to assist however due to variations in conditions you must ensure your installation is correct for your application.

Figure 1

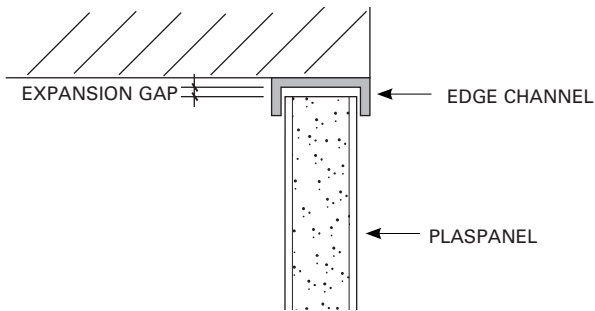


Figure 2

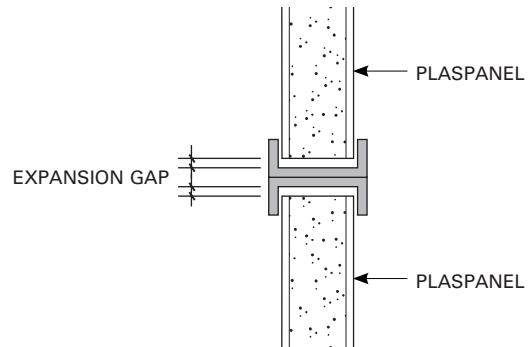


Figure 3

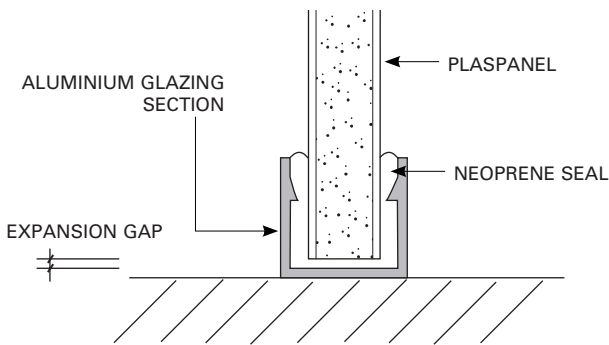


Figure 4

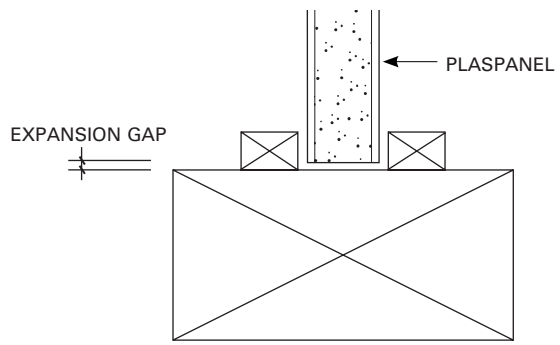


Figure 5

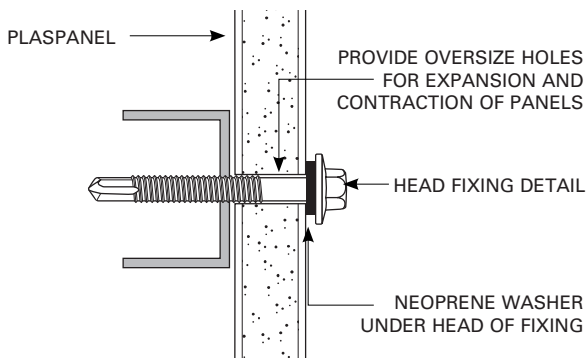


Figure 6

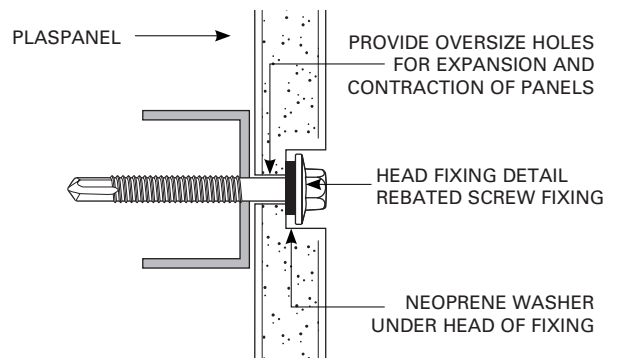
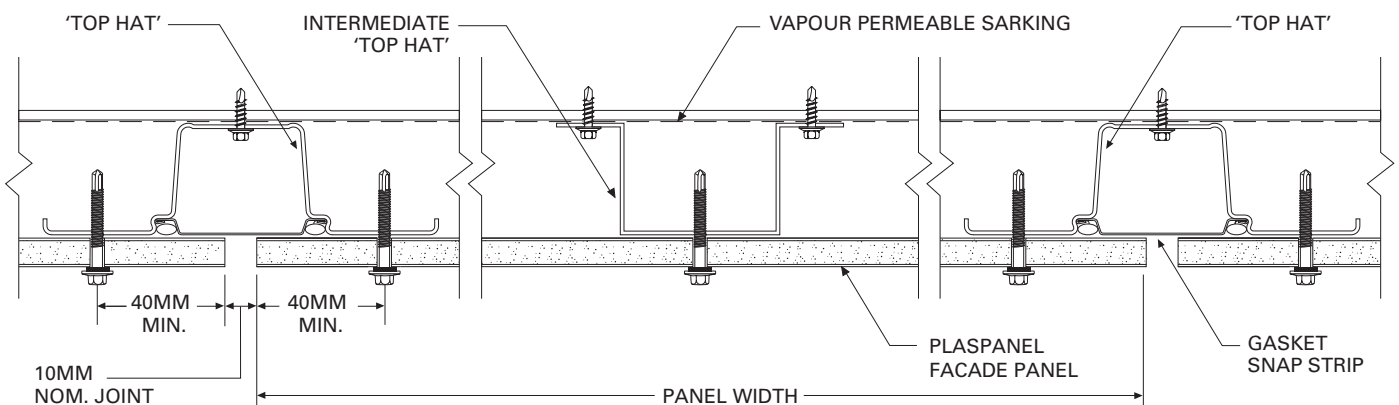


Figure 7 'Top Hat' & Panel Fixing Detail



NOTE: USE HEX HEAD SCREWS (WITH NEOPRENE SEAL). DO NOT USE SELF EMBEDDING SCREWS. DO NOT FIX WITH FORCE. FIXING TO HOLD PANELS IN PLACE TO ALLOW FOR NATURAL EXPANSION & CONTRACTION.

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Expansion & Contraction Calculation

Figure 8: Example

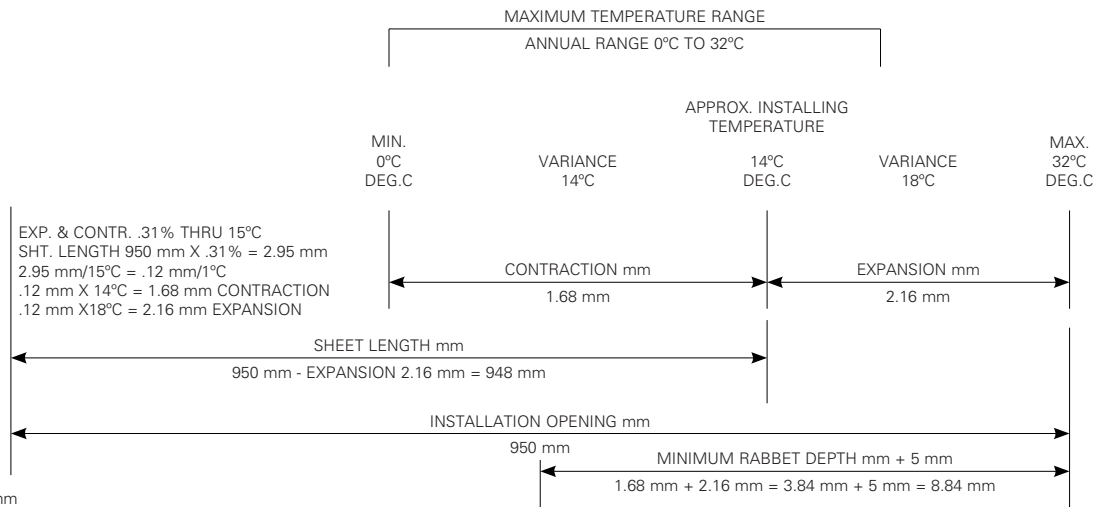
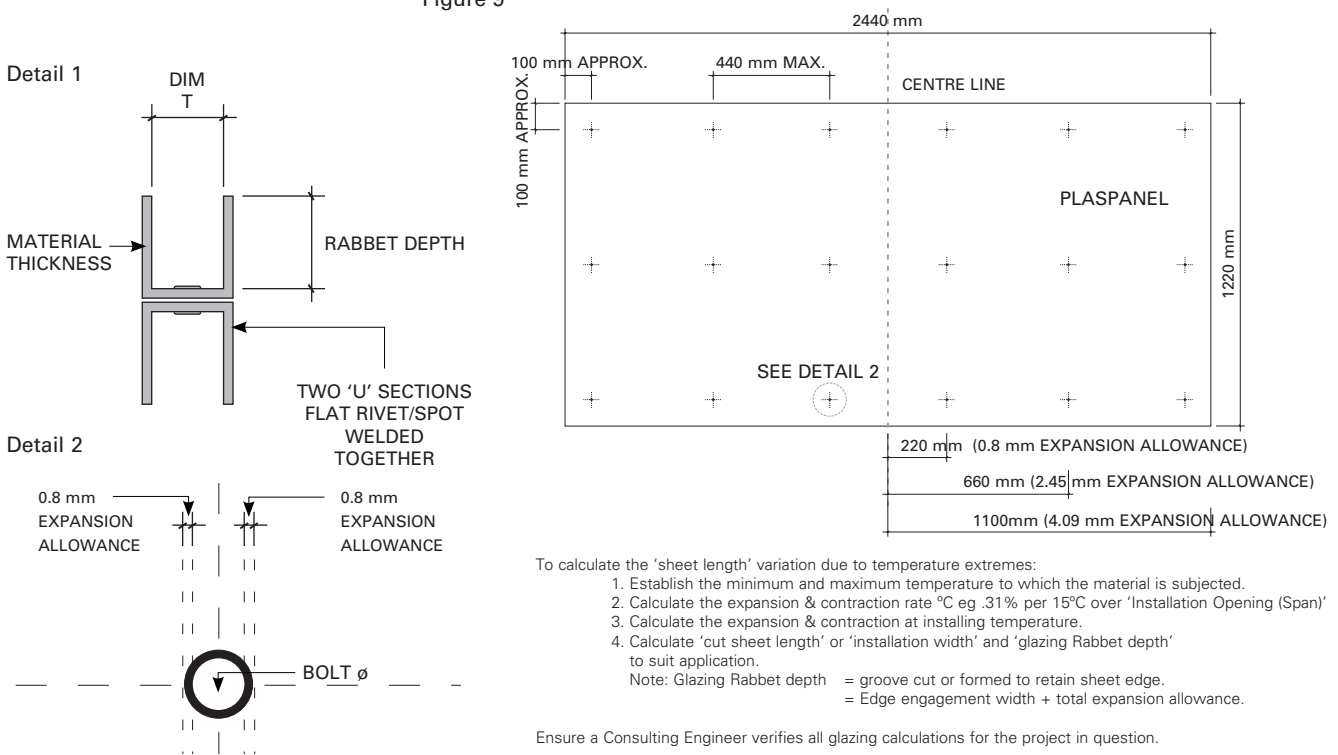


Figure 9



NOTE: PROVIDE OVERSIZE HOLES TO ALLOW FOR NATURAL EXPANSION & CONTRACTION

Plaspanel®

Multi-purpose plastic panels

www.plaspanel.com.au



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