

# Enercept Product Bulletin #2

Created: 4/13/16

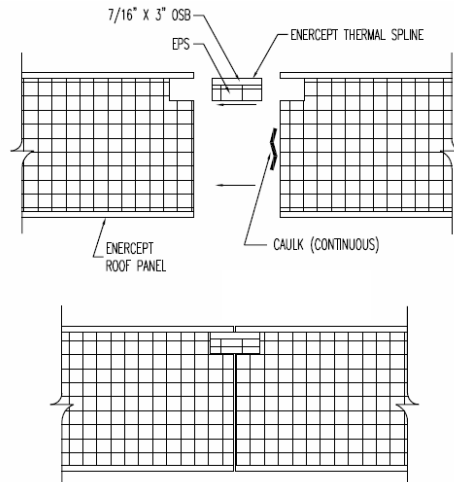


## **OSB THERMAL SPLINE:**

### **Summary Description:**

Per Enercept SIP panels listing report ENR012012-21, section 4.2.5.1, surface splines consist of 3 in. wide x 7/16 in. thick (or thicker) OSB. At each panel joint, one surface spline is inserted into each of two tight-fitting slots in the core. The slots in the core are located just inside the facing.

Enercept has modified this surface spline to adhere 1lb density EPS to one side of the OSB spline creating a tight, OSB thermal spline, connection. The tight-fitting slots in the core will be adjusted in size to accept the OSB thermal spline. The spline shall be secured in place with not less than .131 in. x 2 1/2" in. nails, spaced 6 in. on center alternating both sides of the panel seam, or an approved equivalent fastener. All joints shall be sealed with a continuous bead of sealant in accordance with the Enercept Construction Guide.



NOTE: Detail above reflects the OSB thermal spline located just inside the exterior facing. Some applications may require the spline at both interior and exterior sheathing surfaces.

### **Basis of Change:**

When panels are connected together in the field, it is important to have a tight seal at the seams. In addition to using a continuous bead of caulk at the face of the foam, an OSB thermal spline will help achieve a tight seal at panel seams.

### **Cautionary Notes:**

It is important that the roof panels are set square with the decking, support beams, trusses and/or purlins.

While installing panels, periodically measure panel progress for growth. Panel growth must be addressed before setting panels in critical measurement areas. If panel growth occurs, trim the panel accordingly to maintain the necessary dimensions.