

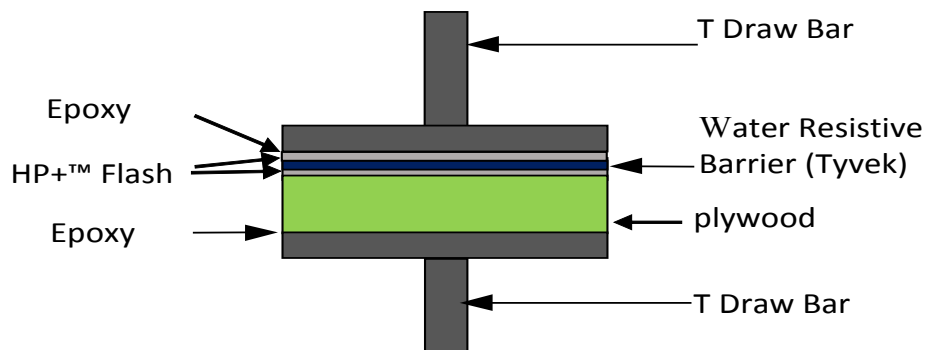
## Adhesion Testing of HP+™ Flash and Tyvek over plywood

### **Purpose:**

To test the adhesion of HP+™ Flash to Water Resistive Barrier (WRB - Tyvek) over plywood

### **Method:**

HP+ Flash was applied to a 0.5 inch plywood substrate immediately after, the WRB (Tyvek) was applied into the HP+ Flash and then, another layer of HP+ Flash over top of the WRB. The sample was cut into 50 mm (2 inches) cubes. T-shaped draw bars were epoxied to each end as in Figure 1, and the samples were drawn apart on an Instron to measure the Tensile Break Strength in accordance with ASTM D 1623, Type C sample.



**Figure 1. Sample set-up for Adhesion Testing**

### **Results:**

- Tensile break strength: 191.3 kPa (27.74 psi)
- Replication: 3
- Standard Deviation (kPa): 14.2
- Adhesion between HP+™ Flash and WRB