

Adhesion Testing of ProtectoWrap® to Neopor®

Purpose:

To test the adhesion of the ProtectoWrap® to Neopor®.

Method:

ProtectoWrap® was installed over a Neopor® substrate. 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.

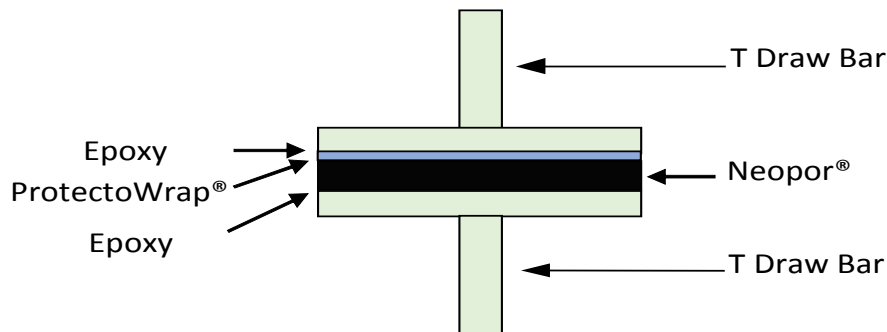


Figure 1. Sample set-up for Adhesion Testing

Results:

- Adhesion between ProtectoWrap® to Neopor
- Replication: 3
- Tensile break strength: 40.0 kPa (5.80 psi)
- Std. deviation (kPa) 5.3