

Technical Advisory Letter

March 31, 2010

York Manufacturing Inc. recommends the polyether type sealant, such as York's UniverSeal US-100, for use with our copper fabric flashing (Multi-Flash) and copper fabric drainage system (Flash-Vent), and for the York Seal peel & stick membrane.

This recommendation is based upon the polyether sealants being:

- Compatible with all known cavity wall components, such as: metal flashings, membrane flashings, air barriers, concrete, asphalt, etc...
- Very low VOC, so they are code compliant and environmentally friendly
- 100% solids, so it will not shrink or collapse
- No solvents, so it is compatible with polystyrene products
- Terrific adhesion: see test results below

10 samples of each product were tested with the non-asphaltic copper fabric flashing. The sealant was allowed to cure for 7 days before the samples were tested and the results are as follows:

Test Results in PSI @ Failure

<u>Product</u>	<u>Average</u>
Mastic	3.4
Silicone	25.5
Polyurethane	62.5
Polyether	89.7

Since cavity wall flashings are extremely expensive to fix, due to the fact you must tear the bricks out, we recommend using polyether sealants like York's UniverSeal US-100.

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