

## **Technical Bulletin 3-07**

### *Chemical Compatibility of Inspire Roof Tiles Class A and Class C*

Inspire roof tiles are chemically compatible with most substances and products which are normally present in a roof deck environment. Our roof tiles will not react adversely when exposed to acids, bases and salts. They are also compatible with EPDM, PVC, Uncured Neoprene, and asphalt compounds that are typically present in roofing underlayments and self-adhered membranes.

Inspire Roof Tiles have been tested with the following materials with the result of "no change" to the roof tile samples when immersed for one week with items to follow:

- ✓ Asphalt
- ✓ Oleic Acid (animal fat)
- ✓ Mineral Spirits
- ✓ Mineral Oil
- ✓ Hydrochloric Acid
- ✓ Sulfuric Acid

Although the test results confirm the durable and impermeable characteristics of the Inspire Roof Tiles, it is not recommended to expose the roof tiles to those substances that would normally not be present on roof deck environments and/or for periods of time beyond the test period (one week).