



# TECHNICAL BULLETIN

AMCTB1 March 2010



## Aqua Mix Sealers Expected wear

The expected wear of a sealer is calculated by analyzing a number of different factors the main ones being:

- **Raw material analysis.** Raw material suppliers carry out exhaustive testing including accelerated exposure tests to determine core performance characteristics including life expectancy.
- **In house and independent testing.** Tests are carried out on the specific sealer formulations to verify they are consistent with the results of the raw materials.
- **Stone and Tile Analysis.** A library of stone and tile physical characteristics is maintained and consulted as these play a huge part in determining how long a sealer will last. For example the hardness of the stone or tile.
- **Experience and Job References.** Job references and field tests are continually monitored and analyzed as they not only confirm sealer performance and wear but also assist in determining the formulation of future products.

### Main factors affecting sealer wear

- **Physical characteristics of stone or tile.** Examples are water absorption, porosity, thermal expansion, chemical composition, and hardness.
- **Characteristics of sealed area.** Examples are interior or exterior, type and amount of surface traffic, climate and specific use of area.
- **Maintenance.** The type of chemicals, procedures and frequency of maintenance.

All of these factors influence and determine how long a sealer will last. The bottom line is that you cannot expect a sealer to last a predetermined amount of time regardless of the type of material sealed or area of use. The expected wear is relative to all of these factors and is reflected by the use of the words "Up To" in every Aqua Mix Expected Wear claim.

Technical Bulletins are subject to change without notice. For latest revision please contact the company direct. Contact details are available on the web site [www.custombuildingproducts.com](http://www.custombuildingproducts.com)