



The Damaging Effects of Efflorescence

What is Efflorescence...

With a proper seal, efflorescence of old concrete surfaces can be stopped entirely:

Efflorescence is a crystalline deposit on surfaces of masonry, stucco or concrete. It is whitish in appearance, and is sometimes referred to as "whiskers". Efflorescence has been a problem for many years. *Efflorescence*, for the most part, are water-soluble salts that come from many possible sources to mar and detract from an otherwise beautiful and serviceable structure. Groundwater is often the cause of efflorescence. For water to carry or move the salts to the surface, there must be channels through which to move and migrate. The more dense the material, whether it be brick, stone, stucco or concrete, the more difficult for the water to transport salts to the surface. Conversely, the more porous the material, the greater the ease with which salts are transported and deposited. Salt-bearing water, on reaching the surface of a structure, air evaporates to deposit the salt. When the humidity is high, water evaporation is slower allowing more opportunity for whisker growth.

The solution is simple; all you need to do is have your concrete floor or walls sealed with one of our water sealers...

