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ADHESION-IN-PEEL TESTING

It is an established fact that architectural stones such as granite, marble and limestone vary widely in the physical and chemical characteristics, depending upon the geographical area from which they are quarried.

With particular regard to granite, the surface to receive sealant can vary depending upon the finish specified; ie. polished, honed, rubbed, fine-rubbed, shot ground, flame-polished, sandblasted.

In addition to architectural stones, the use of new and unusual synthetic building materials, concrete additives, treatments and coating, plastics, and an ever growing variety of architectural paints place ever greater demands on a sealant's ability to adhere.

As a result of numerous Pecora laboratory evaluations conducted on all types of construction materials, we have confirmed that no single class of sealant or sealant/primer combination offers a universal solution to the wide variety of substrates requiring sealants.

In addition to the importance of good design, job conditions, workmanship and other tangibles, to be successful a sealant must bond tenaciously to the substrate to which it is applied. The conclusion of evaluations has shown that the only way to make certain the specified sealant will adhere to the specified substrate is to perform adhesion testing on samples of each to be used on the specific job.

The adhesion-in-peel testing done at Pecora is performed in accordance with ASTM C-794 whenever possible. Any testing which is done otherwise will be duly noted. We offer this testing free of charge and invite you to contact the Technical Service department whenever you have any questions about the use of Pecora products.