

## Moisture-Sensitive Natural Stone Products

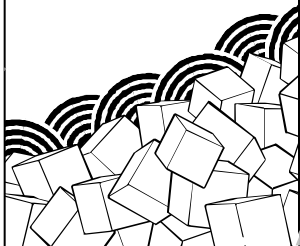
Our industry is witnessing an increasing popularity of marble and granite of various compositions, sizes, thickness and colors. Some are quarried natural stones while others, called agglomerates, are made from pieces or chips of natural marble or granite bonded together by a resin or cement matrix.

Many varieties of marble, natural stone and their agglomerates (with or without resin or cement matrix), are very sensitive to moisture, which can lead to excessive curling that causes the stone to separate completely from the mortar or the substrate. In most cases, the delamination occurs when these stones are installed with conventional Portland cement thick bed, dry set, or latex modified dry set mortars.

We recommend that special attention be given to certain types of marble such as *Rosso Levanto*, *Verde Mare*, *Verde Issori*, *Verdealpi*, *Verdefloresta*, *Negro Marquina* and any kind of *Verde Green* or *Houlian Green* marble, whether natural quarried stone or agglomerates made from these materials.

We believe that the use of these marbles should be restricted to interior installation in areas that are subjected only to minimal exposure of moisture. Furthermore, the setting bed should only consist of 100% polyurethane or 100% solids epoxy mortars that contain no water.

Although we have no control over the mineral composition of natural stone or over the ingredients used in agglomerates, we feel that only *Kerapoxy*<sup>®</sup> or *Planicrete W*<sup>®</sup> provide a successful installation of these aesthetically appealing products.



Do you need more information?  
Contact Technical Services at 1-800-992-6273  
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