

ARMOR® Crack Repair System

Specification Sheet

The ARMOR® Crack Repair System utilizes a special fabric that covers the crack. When the crack widens during the cold winter months, this fabric expands. However, this material will not expand where it is bonded to a hard surface, like the court. Therefore, the secret to making this fabric work is how it is purposely not bonded to the court surface in the vicinity of the crack. This allows more of the special fabric to absorb movement or growth of the crack, usually without causing the paint on top of the repair to crack.

When completed, a “hollow” sound may be heard when the tennis ball bounces directly on the portion of the repair that is not bonded to the court. Since the fabric lies directly on top of the court surface, a “dead spot” is generally not created. A hollow sound is an unavoidable result of successfully repairing the cracks without the expensive alternative of completely replacing the courts.

Although your tennis court is technically still cracked, the crack is isolated beneath an expandable membrane hidden from view. After the 36” wide repair is covered with a typical three coat color coating system, it is virtually unnoticeable. The layers of special fabric that are staggered in width to reduce build-up, allow the crack to expand and contract without the crack reappearing on the surface. Although it will not prevent cracks from developing elsewhere on the court, or prevent repaired cracks from growing in length out beyond the repair, the ARMOR® Crack Repair System has successfully kept repaired structural tennis court cracks from reappearing on the surface for nearly ten years in the United States.

SURFACE PREPARATION:

The existing surface must be clean and contaminate free. The repair will not stick to dirt, mildew, pollen, dust, leaves, or loose paint. Scraping the surface of the court and blowing off all the debris is usually adequate; however, pressure washing the court surface is best.

Remove all previous crack repair materials that are loose or not bonded well to the court, including any rubberized crack filling material. If you can peel up the old repair or the existing surface, then they must be removed in order to provide a sound base for the ARMOR® Crack Repair System. This repair will only be as strong as the surface to which it is bonded.

Cracks that are wide enough to fill must be filled per our instructions using the products we specify. The first layer of this system is a self adhesive tape. It must be installed on a clean, dry, and warm surface. It will not stick to dirty, damp, or cold surfaces.

INSTALLATION:

This product comes with a twelve page instruction packet. It contains color photos of the installation process along with written directions. It is absolutely imperative that these directions be followed precisely. Any deviation could cause this system to fail.

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LIMITATIONS:

- Do not install when temperature is below 70°F.
- Do not install on overcast days. (direct sunlight, not high temperatures, dry the adhesive best)
- Do not install when rain is predicted or likely.
- Do not install on dirty, damp, or cold surfaces.
- Do not install on cracks that emit moisture.
- Do not install with in-line skating materials.
- Do not install over old or peeling Asphalt Emulsion.

WARRANTY:

The methods and techniques represented in the ARMOR® Crack Repair System literature have been used successfully to achieve the results described based on our experience. The decision to use any of these methods or techniques is completely the choice of the user. The ARMOR® Crack Repair System warrants our products to be of merchantable quality. There are no other warranties either expressed or implied or which extend beyond the description of the face hereof. We do not have control of the installer, the application process, the ingredients used, or the weather in which it was installed. In other words, we can not be responsible for job conditions nor quality of workmanship and, therefore, we can not warranty the completed ARMOR® Crack Repair System. Before using, the user shall determine the suitability of this product for the intended use and the user assumes all risk in connection therewith. This warranty gives you specific legal rights which may vary from state to state.