



ARAMID REINFORCED COMPOSITE ASPHALT

Select your mix



Surface Tech has succeeded in developing an easier way to defeat cracks minimize rutting and reduce your maintenance costs. We utilize one of the strongest man-made fibers in the world to create innovative solutions that help make your asphalt mixes stronger, last longer, and cost less over the pavement’s lifespan.

VALOR™

NEW CONSTRUCTION, FULL DEPTH, AND OVERLAY APPLICATIONS

VALOR, the solution revolutionizing new construction, full depth, and overlay applications. With unparalleled performance backed by data, VALOR leverages the power of aramid fibers. Our aramid polymer fibers enhance the asphalt’s tensile strength, minimizing cracking and improving overall resilience. Together, this innovation provides a formidable solution that enhances the longevity and structural integrity of asphalt surfaces. With VALOR, you can confidently tackle any project, knowing they have the ultimate solution to create robust, long life and low carbon pavements.

REARM™

HIGH RAP APPLICATION

REARM™ combines two products to achieve the desired HIGH RAP percentage design. The first product is a highly engineered bio-oil to modify the virgin binder of the RAP mix. The second product is a treated Para-aramid polymer that reinforces the combined virgin and RAP binder to improve the rutting and cracking performance. The key to these performance improvements relies on the unique strengths of each product.

ARMI™

FLEXIBLE INTERLAYER APPLICATION

Paving fabrics are a common option however they introduce third party contractors that compromise QC. Long term performance questionable. Having a RCRI that is producer made with local materials including Aramid and paver laid makes for highly improved results. One inch flexible reinforced asphalt to manage bottom up reflective cracking is optimal. Can also lay over concrete.

ASTRA™

PMA REPLACEMENT

Surface Tech has introduced an effective alternative in a dry polymer form. Our proven technology is a Para-Aramid fiber introduced in dry at the mix plant. With a neat binder, Para-Aramid is the modifier that production contractor can control and is an effective way to manage the process (including 365-availability, no storage and ease of plant dosing) that increases performance and dramatically reduces your GWP impact per mix ton and no change to JMF. Not to mention is PMA performance really worth the built environment and health risks?

DURA™

ULTRA THIN BONDED WEARING COURSE APPLICATION

Surface Tech’s Dura™ is an advanced solution designed to elevate the performance and durability of roads through the application of Ultra Thin Bonded Wearing Course (UTBWC). This innovative pavement surface treatment creates a thin, high-quality wearing surface that effectively safeguards the underlying pavement structure from wear, moisture, and environmental factors. UTBWC consists of a Gap graded ARCA™ mixture placed on top of a formula modified trackless tack ensuring the bonding of the overlay and the pavement below. Standard paver option provides ease of use and ease of installation.

EGIS™

FUEL RESISTANT ASPHALT APPLICATION

EGIS™ is a combination of two products NT5500® by KAO® and aramid fiber. We deliver a high durability fuel resistant asphalt modifier that also reduces cracking, increases lifespan making it ideal for commercial parking lots & truck stops. One dose is 2.1 oz /ton of Aramid Fiber plus 3% NT 5500 delivers high performance results without change to your mix design.