

## ASPHALT SOLUTIONS



# ACE XP™ and SMA

Adding ACE XP™ to SMA creates a mix that lasts longer and cracks less. With SMA, rutting is not a big concern. The mix aggregate and structure ensure that the surface is very rut resistant. Cracking does happen, and is a major cause for eventual failure and end of life. With SMA, polymer modified binder is typically used to produce a high quality mix, but with ACE XP™, SMA is the ultimate surface mix solution.



### » Crack resistance and life cycle performance

SMA is very binder rich, and ACE XP™ is primarily a binder reinforcement. When ACE XP™ is put into SMA, crack resistance (IDEAL CT) doubles or more. Increased crack resistance means the SMA will last longer – and ride better – than polymer alone.

ACE XP™ acts as a binder reinforcement doubling the crack resistance in SMA.

### » Longer life cycle = Cost Savings

For a 10% or less increase in cost, ACE XP™ will add 20-30% to the life of the SMA.

If you are getting 15 years today with your SMA, adding ACE XP™ will get you 18 or 19.

If current service life is 20, adding ACE XP™ gets you 25.



PERFORMANCE



EASE OF USE



COST SAVINGS



SUSTAINABILITY

SURFACE TECH™

**PROVEN PERFORMANCE = COST SAVINGS**



*Our department is well versed on the crack-resistant benefits of ACE XP™ and how it can add years of life to roadways, thus reducing the cost of more frequent replacements. Public works officials plan to utilize the product throughout 2020 and beyond.*

Brandon Milar, CalAPA Technical Director

*I have been adding ACE XP™ to the plant since 2015. It is easy to use and just works, Louisville Metro is sold on the cracking performance increase of pavement reinforced with ACE XP Polymer Fiber™.*

Jordan Sandquist, PE,  
QA/QC Manager - Hall Paving, Louisville, KY

Where polymer is hard to source, or too expensive, SMA with ACE XP™ offers a high-performance option at a lower cost.



### **The Surface Tech Advantage**

*Surface Tech is committed to developing the most advanced reinforcement for concrete and asphalt, not only adding strength and durability, but improving the sustainability of these materials. Our innovative processes, technologies and products make building materials better, stronger and longer-lasting. Extensive research and development, laboratory testing and field trials have proven the Surface Tech advantage. We are building a sustainable future.*

- » **Crack resistance and life cycle performance**
- » **Cost Savings**
- » **Ease of Use**
- » **EPD Certified**

You owe it to yourself, your projects, and your team to use ACE XP™.