

# VALOR™

## Long life, low carbon pavement

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.

### Performance

- Reduces cracking by 30-50% on Ideal CT
- Reduces rutting up to 15% on HWT / IDRT / AMPT
- Extends life up to 50%

### Ease of Adoption

- Safe, easy and clean plant implementation
- Precision dosing with daily reports
- No change to JMF / No Fly Away
- Compliant with Build America, Buy America Act.
- ASTM Standard # D8395-2023 for Aramid

### Sustainability

- Longer life expectation even with RAP / RAS
- Reduces embodied carbon in comparable mixes
- EPD certification - Ultra low carbon additive
- No more than 0.67 kg CO<sub>2</sub> / US Mix Ton.
- Meets the customers' sustainability commitments
- Meets low carbon asphalt specs on IJIA and IRA funded projects
- Listed in
- Great option for future BMD compliance
- Emerald Eco Label (NAPA's verified EPD tool)
- Helps to meet corporate ESG reporting requirements

### Cost Savings

- Longer pavement life
- Reduced maintenance costs
- Lower life-cycle cost

VALOR™  
NEW, FULL DEPTH AND OVERLAY

ACE XP™  
POLYMER

DRUM PLANTS

AQU™  
POLYMER

BATCH PANTS

