KO-HERE®
Asphalt Mix Performance-Improving Additives

LIQUID ANTI-STRIP CHEMISTRY

In today’s difficult environment of rapidly aging infrastructure and dwindling highway funding, government agencies, asphalt producers and contractors are being challenged to build longer-lasting roads at the absolute lowest cost. Traditional anti-strip additives such as liquid anti-strips are effective at increasing pavement longevity but can come with additional unwanted features that drive up asphalt mix costs. While hydrated lime can also be effective at extending pavement life, it is much more expensive from a materials and operational perspective, further increasing costs.

Road Science’s KO-here line of liquid anti-strip additives addresses today’s agency, producer and contractor challenges to build longer-lasting roads while minimizing costs. KO-here’s adhesion-promoting technology is based on specialized chemistries that most economically prolong pavement life. KO-here products are backed by Road Science’s industry-leading technical and customer service support.

BENEFITS

• Extends pavement life by promoting better chemical adhesion of asphalt to aggregate
• Protects pavement from stripping and moisture damage caused distresses such as raveling, rutting and pothole formation
• Most economical option available in the industry
• Best-in-class customer service offers logistical advantages
• Compatible with all aggregate types
• Compatible with most asphalt modifiers
• Remains stable in asphalt stored at 300 °F (149 °C) for several weeks
• Products do not require heated storage

6502 South Yale Avenue, Suite 100, Tulsa, OK 74136
+1-918-960-3800 | www.roadscience.net
MARKET APPLICATIONS

ASPHALT PAVING USING:
- Non-modified asphalts
- Modified asphalts including those modified with:
  - Styrene-butadiene-styrene (SBS)
  - Styrene-butadiene rubber (SBR)
  - Ethylene-vinyl acetate (EVA) polymers
  - Ground tire rubber (GTR)

AGGREGATE TYPES INCLUDING:
- Granite
- Diabase
- Diorite
- Basalt
- Gneiss
- Limestone
- Dolomite
- Chert
- Marble
- Sandstone
- Natural Sand
- Slag
- RAP

KO-HERE PRODUCT FEATURES

<table>
<thead>
<tr>
<th>Comparison Criteria</th>
<th>KO-HERE AS-1000</th>
<th>KO-HERE AS-700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economical liquid anti-strip</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Protects against moisture damage</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Stable in hot asphalt</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>No heated storage required</td>
<td>☑</td>
<td>☑</td>
</tr>
<tr>
<td>Less odor</td>
<td></td>
<td>☑</td>
</tr>
</tbody>
</table>

THE ROAD SCIENCE ADVANTAGE

ArrMaz’s Road Science division is a leader in the development of asphalt additives, emulsifiers, and paving and recycling system technologies for the asphalt industry worldwide. Our offerings span the entire customer value chain from producing key chemical components for asphalt refineries, terminals, emulsion plants and hot mix asphalt (HMA) plants, to providing laboratory and field engineering support of pavement applications. Road Science delivers responsive, comprehensive and dependable customer support focused on helping our customers succeed. Through our experienced staff of professionals and world-class AASHTO Materials Reference Laboratory (AMRL) accredited laboratory, we work alongside our customers, helping them to:

- Improve product quality and consistency
- Improve product performance
- Bring new products to market
- Solve product problems
- Increase profitability
- Increase operational efficiency

Contact Road Science today and learn how KO-Here can help you make the grade.
Call +1-918-960-3800, email customerservice@roadscience.net or visit our website at roadscience.net for further information.