INDUSTRY’S LEADING AND MOST TRUSTED LOW-ODOR ADHESION PROMOTER

For 25 years and counting, AD-here LOF D-560 continues to be the leading adhesion promoter relied on by industry stakeholders. More than any other, it is the most trusted adhesion promoter for extending pavement life by protecting from moisture damage and resulting pavement distresses such as raveling, pothole development and rutting. Unlike competing additives, AD-here LOF D-560 is formulated to minimize smoke and odor which can be problematic from environmental, occupational and regulatory perspectives. It promotes better plant personnel and paving crew comfort, and is used to design mixes that conform to typical specifications including AASHTO T283: Method of Test for Resistance of Compacted Bituminous Mixture to Moisture Induced Damage, AASHTO T324: Method of Test for Hamburg Wheel-Track Testing of Compacted Hot Mix Asphalt (HMA), AASHTO R35: Standard Practice for Superpave Volumetric Design, and equivalent BS EN test standards, including EN 12697-11: Determination of the Affinity Between Aggregate and Bitumen.

APPLICATIONS

Bitumen Paving

FEATURES

MOST TRUSTED ADHESION PROMOTER FOR 25 YEARS AND COUNTING
Long-lasting, proven reputation in industry for leadership in quality, effectiveness and integrity

RELIABLE ADHESION PROMOTION
Passes tensile strength ratio (TSR) and Hamburg Wheel-Track tests with wide variety of bitumen and aggregate combinations

LOW ODOR AND LOW SMOKE
Improved plant personnel and paving crew comfort

BETTER MIX WORKABILITY
Enables easier hand-work in paving applications

HEAT STABILITY
Remains effective several weeks in hot bitumen

COMPATIBILITY

BITUMEN
Compatible with most bitumens including those modified with styrene-butadiene-styrene (SBS), styrene-butadiene rubber (SBR), ethylene-vinyl acetate (EVA) polymers, ground tire rubber (GTR) and recycled bitumen shingles

AGGREGATE
Compatible with various aggregate types including granite, diabase, diorite, basalt, gabbro, rhyolite, andesite, dacite, chert, quartzite, gneiss, limestone, dolomite, marble, sandstone, natural sand and gravel, slag and recycled bitumen pavement

USE AD-HERE LOF D-560 WHEN YOU NEED:
• A reliable and proven adhesion promoter most trusted by State and Provincial Departments of Transportation (DOT)
• Passing TSR and Hamburg results with challenging bitumen and aggregate combinations
• Reduced smoke and odor at the terminal, mix plant or jobsite

ARKEMA
Road Science
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OPTIONS FOR ADDING AD-HERE LOF D-560 TO BITUMEN:

1. Add to bitumen storage tank and agitate mechanically or through pump circulation.
2. Add at bitumen terminal by injecting into bitumen line as transport tanker is being charged.
3. Add at mix plant by in-line injecting into the bitumen line (continuous plant) or weigh hopper (batch plant).

NEAT AND MODIFIED BITUMENS:

- 0.25–0.75% by weight of total bitumen in mix
- Usage rate should be determined by user based on degree of aggregate coating and moisture sensitivity testing at desired production temperature.

NEAT AND MODIFIED BITUMENS:

- 0.25–0.75% by weight of total bitumen in mix
- Usage rate should be determined by user based on degree of aggregate coating and moisture sensitivity testing at desired production temperature.

USAGE RECOMMENDATIONS

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To request additional product information, contact your regional Road Science representative. You can also contact us at +1-918-960-3800 or customerservice@roadscience.net, or visit our website at www.roadscience.net.

PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance, 25 °C</td>
<td>Dark Brown</td>
</tr>
<tr>
<td>Odor</td>
<td>Ammoniacal</td>
</tr>
<tr>
<td>Density, 25 °C</td>
<td>1.0 kg/L*</td>
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<tr>
<td>Viscosity, 25 °C</td>
<td>1,350 cP*</td>
</tr>
<tr>
<td>TSCA Inventory</td>
<td>Listed</td>
</tr>
<tr>
<td>DSL Inventory</td>
<td>Listed</td>
</tr>
<tr>
<td>C.A.S. Number</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

*The density and viscosity data reported are typical and not specifications. Typical ranges for density and viscosity values are ± 2 and ± 20%.

HANDLING AND STORAGE

Always handle AD-here LOF D-560 in accordance with Safety Data Sheet (SDS) and Road Science Bitumen Additives Handling and Storage Guidelines document. Avoid product contamination with other materials. Do not store product in excess of 60 °C for prolonged periods. Recommended product handling temperature range is 32–50 °C.

AVAILABILITY

AD-here LOF D-560 is available outside of North America only.
AD-here LOF D-560 is available for shipment in packaged quantities in 1,000 L IBC totes (952.5 kg net weight) and 208 L steel drums (190.5 kg net weight).

TECHNICAL SUPPORT

To request additional product information, contact your regional Road Science representative. You can also contact us at +1-918-960-3800 or customerservice@roadscience.net, or visit our website at www.roadscience.net.