

DESCRIPTION

EP-ix Foamed Asphalt is a synthetic mineral as well as an inorganic chemical in powder form containing 18-20% moisture which is chemically and structurally bound. The material is at equilibrium at this moisture content. Therefore, it takes significant energy, temperatures above 100°C, to release this water. The release of moisture out of the sub-micron pore causes micro bubbles which enhance the workability of the asphalt mix. The foam is released over time which gives long lasting workability and minimizes the amount of water which is lost to the bag house at the asphalt plant

BENEFITS:

- Reduces energy costs
- Improves compaction for density bonuses
- Increases RAP and RAS content
- Extends haul distances
- Extends paving season
- Reduces emissions up to 60% at plant and jobsite

ADVANTAGES:

- Production and compaction at true warm mix temperatures ~ 250o F
- Does not change the PG grade of the Asphalt
- Flexibility of dosing – doesn’t require exact science to succeed
- Portable and stationary units for Batch and Drum plants
- Can be tested in the laboratory
- Made in North America

PROPERTY	
FORM	Free Flowing Powder
COLOR	White to Gray
MOISTURE LOSS	18-22 wt %

WHY EP-IX Foamed Asphalt?

Asphalt mixes can be produced at temperatures 50 – 70 F lower, and no mix design change is needed. Produces a sustained, time-release foaming of the asphalt binder at a true warm mix asphalt production temperature, 250o F. The foam is not lost in the mixing process. Lower production and compaction temperatures are realized versus other foamed systems.

Lower process temperatures mean reduced emissions. VOC’s, CO2, SOx and NOx emissions are reduced up to 60%. Reduced emissions result in a healthier environment around an asphalt concrete plant, during transport of the mix, and at the paving site. This is better for your employees and the public. Lower temperatures also equate to energy savings up to 30%

Plant and field personnel will not see any physical or operational difference in the performance or handling of the asphalt concrete. There will be a significant reduction in odor, heat, and blue smoke from the mix.

LIMITATIONS

Proper storage, handling, and application guidelines must be followed carefully for best results. Please contact your Global Soil Group representative prior to first use for detailed storage and handling procedures. For industrial use only. Refer to SDS for further information. **THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCT REGULATIONS.**

