Workability Improvement Additive (AMS-3000/2000SS)

Overview
- AMS is a workability improvement additive that allows for the same compaction quality as at the normal compaction temperature by using the normal manufacturing temperature for the mixture during cold weather, or construction of thin layer pavement, even when the compaction temperature is 10 to 40°C lower than normal.
- Use AMS according to the following depending on the mixture type.
  - Porous asphalt mixture → AMS-3000
  - Mixtures using polymer-modified asphalt (Macadam mastic mixture, dense grade, coarse grade, fine grain, other) → AMS-2000SS

Features
- Possible to subdivide for a single batch according to the asphalt plant capacity.
- Degradable foam is gradually generated in the high temperature range, which can be maintained for a long time.
- Compaction performance can be improved for construction work during cold seasons.
- Waste material from temperature decrease can be reduced for construction during cold seasons.

Applications
- Surface course construction work at night in winter
- Repair work for small-scale construction in winter
- Bridge surface pavement and thin surfacing where the temperature is expected to be lower

This provides the same compaction as normal even during cold seasons or when constructing with thin layer pavement and the compaction temperature is 10 to 40°C lower.