W-35 PLASTICIZER
LUBRICATING & PLASTICIZING ADMIXTURE FOR DRYCAST CONCRETE

PRODUCT DESCRIPTION: Specco W-35 Plasticizer is formulated to provide improved placement and lubricity to semi-dry concrete products such as concrete block or brick, dry cast pipe or landscaping paving stones. W-35 Plasticizer disperses the mix to provide added workability while lowering the overall water to cement ratio. This allows easier hydration of the cement particles and results in improved green strengths and higher ultimate compressive strengths. Improved compaction and swipe are obtained with less overall surface voids or culls.

BENEFITS:
- Improved mix lubricity reduces overall compaction resistance and decreases mold fill cycle times
- Reduced vibration times provide increased production levels and reduce overall cost per unit
- Improves surface appearance, texture, edges and corners, as well as color consistency
- Increased density and strength gains reduce splitting, stacking and shipping times and help prevent damage or production breakage

COMPOSITION: Low viscosity modified sulfonate based solution. W-35 does not contain any calcium chloride or intentionally added chlorides that would initiate or promote corrosion of reinforcement steel, or contribute to efflorescence.

LEED CREDIT CONSIDERATIONS: EQ Credits 4.2: Low emitting materials (VOC < 25 g/L). MR Credits 5.2: Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, IL 60901. 90% Content- Harvested within 500 miles

<table>
<thead>
<tr>
<th>PHYSICAL PROPERTIES at 70° F (21°C):</th>
<th>APPROXIMATE VALUES:</th>
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</thead>
<tbody>
<tr>
<td>Weight per gallon:</td>
<td>9.50 +/- 0.5 lb./ gallon</td>
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<tr>
<td>pH:</td>
<td>9.5 +/- 0.5</td>
</tr>
<tr>
<td>Color:</td>
<td>Clear green-blue liquid</td>
</tr>
<tr>
<td>Viscosity - Brookfield:</td>
<td>10 cps</td>
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TECHNICAL DATA: By adding fluidity, W-35 Plasticizer allows improved cement hydration and dispersion, which improves the workability of the mix. The duration of workability depends on temperature, brand and type of cement, aggregate type and gradation, method of mixing and method of transport. When added at normal dosages, W-35 Plasticizer will not significantly affect the concrete’s heat of hydration. W-35 Plasticizer is compatible with most mineral and chemical components common to Portland cement, calcium alumina cement and calcium sulfate (gypsum).

DIRECTIONS FOR USE: W-35 Plasticizer is normally dosed as supplied at a rate of 2 to 6 fluid ounces per 100 pounds of cement (130-390 ml/100 kg). Other dosages may be required depending on specific conditions. For best results, add W-35 Plasticizer after pre-wetting the mix aggregates and cement with part of the required hydration water. Do not add W-35 Plasticizer to dry cement mix if possible. Mix components for at least two minutes to provide optimum lubricity to mix.

CAUTIONS: W-35 Plasticizer should be tested and evaluated with actual materials and blending processes to gauge overall performance and compatibility with mix components. W-35 Plasticizer is water based and will freeze at 32°F. Material may be completely restored by thawing at room temperature and mechanically agitating thoroughly. W-35 Plasticizer should be stirred before using if the material has set for an extended period (3-6 months).
GHS HAZARD RATINGS: WARNING

Irritant: Respiratory Tract Irritation.

WARNINGS: IRRITANT: Avoid contact with skin and eyes. Wear protective clothing, safety glasses, and NIOSH/OSHA approved vapor/mist respirator during application. Keep away from food and drink. Do not take internally. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. Refer to product S.D.S. (SAFETY DATA SHEET) for FIRST AID INFORMATION, or any related health and safety information before using this product. For medical emergencies only, call INFOTRAC @ 800-535-5053.

H.M.I.S. CODES: HEALTH = 1, FLAMMABILITY= 0, REACTIVITY = 0, PERSONAL PROTECTION = C (GLOVES, GOGGLES, APRON)

SHIPPING NAME: Concrete Admixture Water base - Not regulated by D.O.T.

SHIPPING CLASS: ITEM 33880, SUB 2, Freight Class 55

STORAGE: Ideal storage is between 60º to 80º F. Keep from freezing.

PACKAGING: 5 gallon (18.9 L) pails, 55 gallon (208 L) drums, 265 gallon (1000 L) containers.

SHELF LIFE: 1 year stored properly. Depending on storage conditions, the shelf life may be extended.

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