

W-35 LUBRICATING & PLASTICIZING ADMIXTURE

PRODUCT DESCRIPTION: Specco W-35 plasticizing admixture 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 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.

PHYSICAL PROPERTIES at 70° F (21°C):	APPROXIMATE VALUES:
Weight per gallon:	9.50 +/- 0.5 lb./ gallon
pH:	9.5 +/- 0.5
Color:	Clear green-blue liquid
Viscosity –Brookfield:	10 cps

TECHNICAL DATA: By adding fluidity, Specco 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 will not significantly affect the concrete's heat of hydration. Specco W-35 is compatible with most mineral and chemical components common to Portland cement, calcium alumina cement and calcium sulfate (gypsum).

DIRECTIONS FOR USE: Specco W-35 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 after pre-wetting the mix aggregates and cement with part of the required hydration water. Do not add W-35 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. Specco W-35 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 should be stirred before using if the material has set for an extended period (3-6 months).

WARNINGS: Avoid contact with skin and eyes. Wear protective clothing and safety glasses during application. Keep away from food and drink. Do not take internally. Refer to product M.S.D.S. (Material Safety Data Sheet) for further health and safety information. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

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

SHIPPING CLASS: ITEM 33880, SUB 2, LTL 55

STORAGE: Ideal storage is between 60° to 80° 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.

LIMITED WARRANTY: This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

Revised – 01-07