

PUMP EASE

POWDERED CONCRETE PUMP PRIMER & PUMPING AID

PRODUCT DESCRIPTION: Specco Pump Ease is a dry, powdered lubricant and viscosity modifier designed for use as both a concrete pump primer as well as a pumping aid additive. Pump Ease works by coating and wetting the interior lining of the hoses and allowing less friction of the passing cement and aggregates thereby allowing reduced pump pressures. The plasticizing properties of Pump Ease also reduce potential of any slump loss (dewatering) or air entrainment loss through the pump lines. This makes it easier to pump harsh mixes and increases their range of pumpability. Pump Ease is pre-weighed for easy and accurate addition to the mixer, and is compatible with all conventional concrete materials.

BENEFITS / FEATURES: INCREASES EASE AND PLACEMENT RANGE OF PUMPABILITY...REDUCES FRICTION AND LINE PRESSURES...EXTENDS EQUIPMENT LIFE...ADDS EASILY TO PUMPING EQUIPMENT...ELIMINATES THE NEED FOR PUMP PRIMING CEMENTS OR GROUTS...COMPATIBLE WITH OTHER ADMIXTURES...WILL NOT BUILD UP IN THE HOSES...ENVIRONMENTALLY SAFE...PRE-MEASURED BAGS ENSURE CONSISTENT RESULTS

COMPOSITION: Proprietary viscosity modifier and lubricating powders. Pump Ease does not contain any soaps, air entraining agents, cementitious materials, or bentonites and other clays. Pump Ease also does not contain any calcium chloride or intentionally added chlorides that would initiate or promote corrosion of reinforcement steel, or contribute to efflorescence.

RECOMMENDED ADDITION RATE FOR USE AS A PUMP PRIMER: For pumps with priming ports, dilute one 8 ounce (227 gram) bag of Pump Ease to 5 gallons of water to prime 100 feet of 5 inch line. Mix this solution with a standard drill and Jiffy or paddle type mixer at low speed for 1-2 minutes until completely dissolved. Allow the mixture to thicken for a few minutes and then remix slightly for an additional minute before pouring into the priming port. For priming directly through the hopper, mix the Pump Ease as above, fill water into the hopper to the bottom of the intake port as usual for priming, then pour the Pump Ease into the hopper and charge into the lines ahead of the concrete. **Note** - If the concrete to be pumped contains any superplasticizers, Specco recommends a reduced dosage of 1 bag per 10 gallons of water to dilute the Pump Ease. This is because superplasticized concrete is usually made with low water content and Pump Ease made with too little water may actually absorb some from the passing concrete, which could then lead to a possible line plug.

RECOMMENDED ADDITION RATE FOR USE AS A PUMPING AID: Pump Ease is typically added at a rate of one 8 ounce bag per every 3 cubic yards of concrete or grout. Open the Pump Ease bags and pour them directly into the mixer and allow the material to mix for 5-7 minutes to ensure adequate dispersion. Variations in dosage can be made depending on the mix design component amounts, aggregate gradations, concrete temperature, water to cement ratio, and any additional admixture requirements. As an example mentioned above, if the pumped material contains a water reducer or superplasticizer admixture, the Pump Ease dosage should typically be decreased.

CAUTIONS: As a general rule, when using any pump priming materials, the first portion of concrete that is discharged from the hose will typically have a higher mix water content than the remaining concrete, which can be detrimental to surface critical pours like precast columns or panels. This initial concrete discharge should therefore be discarded or used in only non-critical applications. For priming horizontal runs, Pump Ease will tend to coat primarily only the lower section of the line, so Specco recommends the use of a rubber priming ball to allow even and complete coverage of the entire line. For priming long runs of pipe or hose, Pump Ease should be diluted with an extra volume of water to make it thinner and to avoid possible plugging. Pump Ease should be tested and evaluated with actual materials and blending processes to gauge overall performance and optimum addition rates. Pump Ease is miscible (compatible) with most chloride and non-chloride based accelerators, but these should also be added in separate admixture tanks if possible. Pump Ease should be pre-diluted and stirred just prior to the pumping operation for maximum effectiveness, and will tend to lose viscosity and subsequent performance potential if stored for extended periods of time afterwards.

WARNINGS: Avoid breathing dust. 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 Powder - Not regulated

SHIPPING CLASS: ITEM 42130, SUB 2, LTL 50

STORAGE: Store in a dry, protected area.

PACKAGING: 8 ounce (227 gram) heat sealed poly bag (packed 60 bags / case)

SHELF LIFE: Indefinite if stored properly.

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 – 01-16-09