

PERFECT FORM & CONCRETE SPRAYER

Construction grade, hand pump sprayer.

HOW IT WORKS

The PERFECT FORM AND CONCRETE SPRAYER is designed specifically for uniform, thin application of concrete form release agents, tilt-up bondbreakers, curing compounds, floor sealers and other sprayable construction chemicals.

APPLICATIONS

- ◆ Use in all types of concrete construction wherever uniform application of construction chemicals is desired.

ADVANTAGES

- ◆ Heavy duty stainless steel tank resists corrosion and damage.
- ◆ Chemical resistant hoses, seals, and gaskets resist swelling from chemical attack from most commonly used organic solvents as well as petroleum and vegetable oils.
- ◆ Tank-mounted sponge bronze fluid filter prevents spray tips from clogging. Similar sponge bronze air filter prevents dirt from entering pump tube cylinder and reducing compression.
- ◆ Finely machined leak-proof brass to brass connections reduce the number of gaskets needed.
- ◆ Threaded high pressure hydraulic hose fittings minimize accident exposure common with hose clamp type connections.
- ◆ Lid assembly features a unique locking device that prevents accidental opening and resulting injury.
- ◆ Equipped with an automatic pressure relief system to prevent overloads.
- ◆ Built-in pressure gauge indicates proper working levels of 20-25 psi.
- ◆ Comes equipped with two spray tips specifically designed to eliminate characteristic heavy outer spray bands.
- ◆ Uniformly applies NOX-CRETE form release agents at coverage rates up to 3,000 sf/gal (75 sm/l) on nonporous surfaces.

▲ PRECAUTIONS ▲

- ◆ Improper use or failure to follow instructions can result in explosive failure with potentially serious injuries. For safe use of product, you must read and follow all instructions before use.
- ◆ Do not use to spray pesticides, herbicides or other agricultural related products.
- ◆ Do not use to spray paints or other highly viscous products.
- ◆ Do not use to spray acid or caustic solutions.
- ◆ Not designed for internal pressures in excess of 40 psi (2.75 Bar) or external means of pressurization.
- ◆ Not for use with products that have flash points below 100° F (38° C).
- ◆ Not to be used to store chemicals.
- ◆ Do not leave a pressurized sprayer unattended in the hot sun. Heat can cause pressure buildup.
- ◆ Do not store chemicals in the sprayer. Empty and clean sprayer after each use with soap and water or appropriate solvent.
- ◆ Liquid contents between spray tip and valve may be under pressure if either tip or filter is clogged. Always wear goggles, rubber gloves, rubber boots and protective clothing when spraying. If air concentrations exceed the OSHA established TLV for the chemical being sprayed, suitable respiratory protection is required.
- ◆ Never use any tool to remove pump if there is pressure in sprayer.
- ◆ When pressurizing the sprayer, hold the sprayer off to the side. Do not stand with your head or body directly over the sprayer.
- ◆ Never pressurize sprayer by any other means other than the original hand pump.
- ◆ Do not attempt to modify or repair this sprayer except with original manufacturer's parts.

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● Application Equipment



chemical solutions to concrete problems

USE INSTRUCTIONS

1. To remove pump cap, release pump handle from hooks by pressing downward while turning.
2. Turn handle and raise locking lever to go completely over handle and rest on bar stop.
3. Turn entire pump cap counterclockwise and remove from tank.
4. To replace, insert pump cap into tank top and turn clockwise until snug.
5. Push locking lever completely down and lock pump handle into hooks.
6. Fill tank to the fill marks embossed on side of tanks, leaving space for compressed air.
7. For maximum atomization and coverage, maintain gauge pressure above 20 psi (1.38 Bar).
8. To obtain a fine spray if the spray becomes coarse, repump sprayer until pressure is above 20 psi (1.38 Bar).

MAINTENANCE

- ◆ Routinely inspect sprayer before each use for signs of wear or damage.
- ◆ Replace worn or damaged parts before use.
- ◆ Empty contents of sprayer at the end of each day and clean with the appropriate cleaning solutions. Leave pump cap loose on clean sprayer to allow tank to air dry.
- ◆ To keep the pump working smoothly and efficiently, the poly plunger cup (846) needs to be lubricated periodically. Lubricate poly plunger cup by unscrewing the pump tube (855) from the pump cap (829-A) and placing a small amount of lithium based grease onto the pump tube wall.

- ◆ If sponge bronze liquid filter (819-B) becomes plugged, remove filter and wash out with solvent. If compressed air is available, blow out filter in the reverse direction of normal fluid flow.
- ◆ If the sponge bronze air filter (837) becomes plugged, a blast of compressed air in the reverse direction of the normal air flow is normally sufficient. It should not be necessary to completely disassemble the filter from the pump tube.

AVAILABILITY & TECHNICAL SERVICES

In addition to corporate offices in Omaha, Nebraska, NOX-CRETE Products Group also maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, phone (800) 669-2738 or (402) 341-1976.

LIMITED WARRANTY

NOTICE-READ CAREFULLY

CONDITIONS OF SALE

NOX-CRETE offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may only be varied by written agreement of a duly authorized corporate officer of NOX-CRETE. No other representative of or for NOX-CRETE is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

NOX-CRETE warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, NOX-CRETE will replace the defective product with new product without charge to the purchaser.

NOX-CRETE makes NO OTHER WARRANTY, either express or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall NOX-CRETE be liable for special, indirect or consequential damages resulting from the use or handling of the product, and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

INHERENT RISKS

NOX-CRETE MAKES NO WARRANTY TO THE PERFORMANCE OF THE PRODUCT AFTER IT IS APPLIED BY THE PURCHASER, AND PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.