

General

TKO Waterproof Coatings' products can be successfully sprayed with Graco heavy-duty spray equipment or similar models from another manufacturer. Pumps and accessories must be able to handle high viscosity materials and have adequate pressure and gallon per minute (GPM) levels. These recommendations should be used as guidelines only; specifications and equipment needs will vary based on job requirements.

The equipment must have at least 4000 PSI of pressure for an airless system.

Pump Specifications and Spraying Guidelines

- Adequate hose size is very important. Incorrectly sized hoses will reduce pump pressure and volume. Hoses must be sturdy but flexible. Hose size should be ½ inch diameter for a maximum of 150 feet of length from compressor to spray gun. An additional 100 feet of ¾ inch hose may be added to the ½ inch hose at the sprayer/compressor side for a maximum of 250 feet of hose.
- Spray gun tip size is 0.025 - 0.039 inch orifice size maximum. Use heavy-duty reversa-tip.
- Spray output is 2.5 gallons per minute maximum.
- Optimum working temperature of roof coatings is 72° F. Working air and surface temperature range is 40 to 100° F. Products can be heated to 140° F for maximum flow capacity.
- Proper spray technique is very important. Maintain an even thickness on all surfaces. Always use a wet film gauge to ensure the proper mil thickness has been applied. As always, use extreme caution when using high volume spray equipment. Gloves and safety goggles should be worn when spraying. Check hoses daily and perform all recommended maintenance procedures to maintain the equipment properly.

Models and manufacturer recommendations vary; for best results, contact the local distributor or service department of the spray company to determine the best pump and equipment for your application.

Disclaimer

Note: TKO Waterproof Coatings offers this information in good faith, but cannot be held responsible for field conditions, equipment specifications, and suitability of material for specific pump/accessories or final results. For technical assistance or purchase of parts, pumps, hoses or tips, call Bittner Spray Equipment, 800-400-5084, or a local Graco dealer. For Graco technical assistance, call 800-367-4023 or visit their website (www.graco.com). For other pump manufacturers, follow above guidelines to determine equipment specifications and call their factory for technical assistance.

TKO HOME & BUILDING REPAIR PRODUCTS

ROOF-KOTE

Natural biobased roof coating seals and waterproofs in one coat. Withstands ponding water, stops flat roof leaks. Roof-kote has outstanding strength and adhesion; works and lasts where other coatings fail. Bright white reflects UV, resists mold and mildew, lowers energy costs.

METAL 1-KOTE

Natural biobased roof coating formulated for all metal roofs. Stops rust, never needs priming, seals and waterproofs in just one coat. Metal 1-kote's high build, non-sag formula has excellent adhesion with built-in resistance to mold, mildew, rust and UV attack. Use on galvanized steel, Galvalume, weathered pre-painted metal, tin, copper, aluminum, steel, acrylic coatings, weathered fiberglass and plastic.

PRIMER-KOTE

100% acrylic based fast-drying exterior primer with exceptional durability, UV stability and super flexibility. Primer-kote stops bleed-through on soluble asphalt surfaces, prevents finish coating discoloration, stabilizes old asphalt, helps neutralize alkaline surfaces and provides a sound surface for coating.

TUFFIDE

All purpose natural biobased exterior wall and foundation coating. One coat decorative waterproof and weatherproof protection for concrete, stucco, wood, brick and block buildings. Available in a wide range of standard colors; custom colors available.

TUFF-KOTE

Natural biobased waterproof patching repair compound for all exterior surfaces. Use with Tuffglass Fabric to create a strong, flexible permanent patch. Guaranteed waterproof, withstands temperature extremes. Seals cracks and joints, stops roof leaks, repairs gutters, restores weathered wood, seals masonry, repairs stucco and more.

METAL 1-PATCH

Natural biobased waterproof patching compound used to patch and seal exterior metal, fiberglass and plastic surfaces. Use with Tuffglass Fabric to patch cracks, seams and joints, seal fasteners and penetrations and reinforce problem areas. Stops gutter leaks. Coats rust with no priming.

KRACK-KOTE

The only permanent solution to problem interior wall and ceiling cracks. Krack-kote and Tuffglass Fabric bridge cracks to create a strong, flexible patch that moves with walls and ceiling, stays flexible, won't shrink, harden or fall out like rigid caulks and fillers. With Krack-kote and Tuffglass Fabric, cracks stay covered up – for good! Fast and easy to use, doesn't need sanding, invisible under paint or wallpaper.

TUFFGLASS FABRIC

A tightly woven, open weave resin-coated fiberglass fabric that is used with all TKOWC's interior and exterior patching and coating products to bridge and reinforce cracks, joints, leaks, breaks and problem areas. Tuffglass Fabric is only .004" thick, with a tensile strength of 80 lbs per inch. Strong, flexible and pliable, Tuffglass Fabric can be cut and overlapped to conform to irregular surfaces. Available in a variety of lengths and widths to accommodate all your patching needs.