



TECHNICAL DATA SHEET

TOWERFLEX

100% ACRYLIC
HIGH BUILD ELASTOMERIC
4200 SERIES

A high solids, high build, 100% acrylic waterproofing elastomeric coating that provides a durable weather-resistant finish on exterior masonry, stucco, and concrete. This product may also be used on primed wood or metal surfaces. Properly applied this product will withstand wind-driven rain and even temporarily pooling water without peeling or blistering. It is also ideal for roofs as it will reflect heat, seal cracks, and adhere to a variety of roofing surfaces including bonded tar, asphalt shingles, built-up roofs, mobile home roofs, concrete and masonry tiles, as well as properly prepared or aged galvanized surfaces.

SURFACE PREPARATION

Ensure that all surfaces are clean prior to painting. Dust, chalk, oil, grease, wax, polish, mold and mildew stains, loose and peeling paint, rust, and all other foreign materials must be removed.

Mildew: Remove mildew before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. NOTE: BLEACH MAY DISCOLOR OR DAMAGE EXISTING FINISH. TEST BEFORE TREATING ENTIRE SURFACE. ALTERNATIVE MILDEW SOLUTION MAY BE REQUIRED. Rinse thoroughly with water and allow surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER SOLUTION.

Patching: 1/32"-1/16" cracks should be patched with elastomeric patching prior to painting. Larger cracks will require case specific treatment.

Roofing: Chalky surfaces should be pressure cleaned. Excessively chalky surfaces may require acrylic surface conditioner. Clean cement tile may be painted directly. If painting asphalt shingles, test for bleeding of asphalt into paint film, adhesion, and possible curling. Clean weathered galvanized or aluminum surfaces may be painted directly.

New Wood: Sand wood surfaces thoroughly to remove mill glaze. Patch holes and imperfections with wood filler, let dry completely and sand. Use a wiping cloth to remove all dust. Use a 100% acrylic, siliconized paintable caulking to fill gaps. Allow to completely dry prior to priming and painting. Prime with this product.

Weathered Wood: Strip all loose wood fibers and coatings. Remove mold, mildew, algae and fungus stains. Prime with this product.

Pressure Treated Wood: Warning! Sanding or scraping pressure treated lumber may be hazardous. Always wear protective clothing and gear, including gloves and goggles.

Previously Painted Surfaces: Remove all loose and peeling paint and any foreign materials. Scrub the surface with a solution of detergent and water to remove any dirt or grease. Rinse the solution off thoroughly. Pressure wash chalky surfaces. Use appropriate spackling to set nails and to fill holes, scratches and gouges. Allow to completely dry and sand until smooth. Product is self-priming on most properly prepared previously painted surfaces. NOTE: Paint blistering and peeling is usually caused by moisture behind the paint film. In these cases, the source of excess moisture should be eliminated before repainting. Painting over multiple aged coats may cause peeling due to the added weight of the paint layers. In these instances, it is recommended that old layers be removed. Highly chalky surfaces should be primed with appropriate surface conditioner before painting. Applying first to a small test area is recommended in order to guarantee proper adhesion and performance.

Masonry: Cure the surface for at least 7 days and check pH to ensure 12.0 or less prior to painting. Test to see if smooth masonry requires a profile to ensure paint adhesion. Create a profile for all other smooth trowel concrete using a muriatic acid etcher, mechanical means or another effective method. Remove all debris and apply acrylic sealer.

TOWER PAINTS LIMITED WARRANTY

Tower Paints guarantees satisfaction when applied to a properly prepared surface in accordance with the instructions on this document. If not satisfied, contact Tower Paints to discuss available remedies. Warranty does not apply to any defect or damage resulting from improper surface preparation or application, structural defects or failure of a previous paint. This warranty is made to the original paint purchaser and is not transferable. Labor or any associated labor costs and any indirect, special, incidental, or consequential damages are excluded from this warranty. Some states do not allow the exclusion or limitation of the incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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Made in U.S.A.



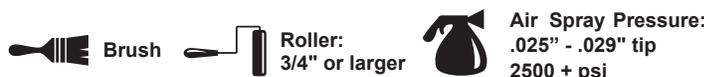
- Waterproofs
- UV Ray Resistant
- Will not blister
- Flexible Coating
- Excellent adhesion
- Mildew resistant
- Seals minor cracks / prevents leaks
- Reflects heat
- Resists dirt pickup
- Soap and water clean-up

PRODUCT VALUES:

Vehicle Type: 100% Acrylic	Recommended application temperature: from 50°F-90°F
Viscosity: 115-125 Krebs Units	Practical Coverage:
Sheen: 4-8 Units 60° angle	Covers approximately 75-85 ft ² per gallon (7-8 m ² per 3.78 L)
Flash point: N/A	depending on surface porosity
Volume Solids: 54%	Do not thin.
Weight Solids: 64%	Dry Time: @ 77° F:
Weight Per Gallon: 11.9 lbs/gal	To the touch: 4 hours
Clean-up Solvent: Soap & water	Recoat: 24 hours
VOC: Less than 100 g/L	Colors: White and Ready-made
Recommended Film Thickness:	Shelf Life: Over 1 year
20.0 mil Wet, 11.0 mil Dry	

Aluminum and Galvanized Steel: Aluminum and Galvanized Steel: Aluminum and Galvanized Steel: Ensure that all metals are clean prior to painting. Oils, rust, mill scale and other contaminants must be removed. Oil films on new non-ferrous metals should be scrubbed with water and detergent, then rinsed completely. Sanding, abrasion or chemical abrasion is required for optimal adhesion. Prime with direct-to-metal waterborne primer.

APPLICATION



Mix thoroughly before use. Do not thin. Use a 3/4" or larger nap roller and apply paint to one section at a time. For best results cross apply with roller and even out with long smooth top to bottom strokes. Use a piston or air-driven pump capable of delivering a flow rate of 1 gpm or higher at 2500 psi. A minimum of 1/4" I.D. nylon-lined hose and a tip size of .023 or larger is recommended. Use a minimum of 30 mesh filter screens or remove filters from gun and pump. For air spray, use a 10:1 air driven mastic or texture pump. Use a 1/2" I.D. fluid hose, mastic gun, and a 1/8" round or slotted tip and air cap. Spraying/backrolling is the recommended method to achieve maximum waterproofing results. Load roller in order to achieve results in one coat. Brush may be used for smaller areas. Determine air, surface and dew point prior to painting. Do not apply when temperatures are below 50°F or when temperatures could drop below 50°F within 48 hours of application. Do not apply if rain or snow is expected within 48 hours. Temperature must be 50°F or higher on large expanses of metal being painted. Check any accompanying primer temperature requirements prior to applying.

CAUTIONS / LIMITATIONS: Do not allow paint to freeze. Not recommended for overhead horizontal surfaces (under balconies, etc.). Not for use on floors. Recommended application for temperatures from 50°F - 90°F to ensure proper drying and film formation. Make sure to apply on a day when no rain is forecast. Ideal application time is early in the morning on a warm and sunny day. Do not paint surfaces that are too hot to touch. Coat must be kept rain-free for 6-8 hours after application. Avoid painting late in the day. Airless spray not recommended. One year shelf life when unopened.

CLEAN-UP / DISPOSAL: Clean paint, associated equipment and skin with warm, soapy water. Keep container closed when not in use. Use original container for storage and disposal. Absorb spills with inert material such as sand or kitty litter. Check and abide by local, state and federal regulations on container and paint disposal.

WARNING! This product can cause irritation to the skin and eyes. Always wear protective clothing and gear including gloves, goggles and a face mask. Do not eat, drink or smoke while using this product. Harmful if swallowed. Remove contaminated clothing and wash prior to reusing. Wash hands well after handling. Check and abide by local, state and federal regulations on paint and associated waste disposal.

FIRST AID: Eyes: Use water to gently rinse for several minutes. Remove contacts if necessary and possible. Seek medical attention if irritation persists. Skin: Use soap and water to clean. Swallowed: Rinse mouth and seek medical attention if necessary.

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Tower Paints assumes no obligation or liability for use of this information. UNLESS TOWER PAINTS AGREES OTHERWISE IN WRITING, TOWER PAINTS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. TOWER PAINTS WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.