Vent Stack Fan Model FAN-1

Startronics restroom solar powered vent stack exhaust fan Model FAN-1 has been designed to give restroom manufacturers a rugged yet simple product to promote air flow and not inhibit ordinary natural flow. This product has been extensively tested and exceeds all of the manufacturers conditions.
The following components are used:

Solar Module:
Rated Power 10 watts
Current @ Max. Power 0.58
Voltage @ Max. Power 17.40
Short Circuit Amps 0.63
Open Circuit Voltage 21.70
Length (Inches) 12.0
Width (Inches) 13.86
Depth (Inches) 0.87

Fan:
Brushless DC Motor
Electrical Protection: Impedance Protected
Housing Material: Plastic UL 94 VO
Impeller Material: Plastic UL 94 VO
Voltage Range: 7-27.6
Input Power: 5.8 Watts
Amperage: 0.24
Airflow: @ 24V 105.9 CFM
Nominal Speed: 2600 RPM
Protection Level for Humidity: IP54 or IP55
Rain Cap & Bottom Weep Holes Included
Life Expectancy: 80,000 hours @ 40 Deg. C
Operating Temp: -10 Deg. C +60 Deg. C

Support Bracket;
1/8” X 1.5” X 36” Aluminum
Stainless Steel Fasteners

PHOTOS

DRYLOK® BUILDING TRUST

PRODUCT DATA SHEET

DRYLOK® E1

Semi-gloss, latex-base, 1-part epoxy concrete floor paint

DESCRIPTION

DRYLOK® E1 is a semi-gloss high-performance coating for both commercial and residential use, DRYLOK® E1 is a latex based, 1-part epoxy concrete floor paint that utilizes an advanced epoxy ester resin fortified formulation to deliver greater protection and durability.

USES

Specially formulated to protect and beautify:
- interior/exterior concrete floors
- garage floors
- basement floors
- walkways
- patios

CHARACTERISTICS / ADVANTAGES

- Resists hot tire pick-up, chemicals, oil, grease, and gasoline stains
- Formulated using Advanced Epoxy Ester Resin for a durable finish
- Easy to maintain
- Semi-gloss finish
- Apply by brush or roller

PRODUCT INFORMATION

Composition	Latex base

Packaging

Size	PC/Case	Color	Order No.	Old Order No.
1 gal	2	Tint Base	832394	28413
1 gal	2	Gray	832392	23713
1 gal	2	Platinum	832393	23813

Shelf life	2 years in original unopened container
Storage conditions	Store between 50°F (10°C) and 85°F (29°C). Extreme heat or freezing temperatures can damage the product, causing it to separate or thicken. Avoid Freezing. Keep away from direct sunlight.

Density

Platinum	9.53 (LBS./US GAL.)
Gray	9.62 (LBS./US GAL.)
Tint Base	9.49 (LBS./US GAL.)

Wet Film Thickness	4-5 wet mils per coat
pH-Value	8.0-9.0

Solid content

Platinum	42.76% (by weight)
Gray	43.51% (by weight)
Tint Base	42.46% (by weight)

Viscosity	80 ± 3 KU
Appearance	Semi-gloss finish Surface appearance depends upon condition and porosity of concrete/masonry surface. Highly porous masonry/concrete may require additional coats to achieve full gloss.

TECHNICAL INFORMATION

Freeze thaw resistance	Freeze/Thaw stable

APPLICATION INFORMATION

Number of Coats	Max. 2	
Coverage	300–400 ft^2 (27.87–37.16 m^2) per gallon (Recommended film thickness/coat: 4-5 wet mils/coat)	
Ambient air temperature	50-90°F (10-32°C) during application and for a minimum of 4 hrs after application.	
Substrate temperature	50-90°F (10-32°C) during application and for a minimum of 4 hrs after application.	
Curing time	Open Up To Light use (foot traffic)	4 hours
	Open Up To Heavy use (foot traffic)	24 hours
	Open Up To Vehicular traffic	5-7 days
	Max. Resistance Properties Reached	3-5 days
Drying time	To touch	30 minutes-1 hour
	To recoat	4 hours

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

DRYLOK® E1 is recommended for light commercial, industrial, and residential floors not coated with a 2-part epoxy.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

FIRST AID
EYES: Flush immediately with large amounts of water for at least 15 minutes. Consult a physician if irritation persists.
SKIN: Wash affected areas with soap and water. Consult a physician if irritation persists.
INGESTION: Give 1 or 2 glasses of water. If individual is drowsy or unconscious do not give anything by mouth. Consult a physician, medical facility, or poison control center for advise about whether to induce vomiting.
INHALATION: Remove to fresh air.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

General Suface Preparation:

Surfaces must be thoroughly cleaned and free from dirt, dust, grease, oil, soap, wax, concrete curing membranes, and the oily film left by sweeping compounds. Stains on the surface should be removed using a heavy duty detergent until the surface is clean. Rinse thoroughly with clean water and allow to dry completely. If using a pressure washer, do not use a setting above 1750 PSI to avoid damaging the concrete. Surface must be xompletely dry before painting. To verify the surface is completely dry and free of residual trapped moisture, tape a 1ft. by 1ft. square piece of plastic onto the surface and let stand for 24 hours. If moisture is present on the concrete side of the plastic, the surface has not dried sufficiently. Allow additional drying and retest. Surface porosity is important for proper product adhesion. Before application, test concrete porosity by sprinkling a few drops of water onto the surface in several areas. If water is readily absorbed, you are ready to paint. If it beads or lays on the surface, additional cleaning and etching is required. Refer to “ACID ETCHING INSTRUCTIONS” below.

Old/Weathered, or Previously Painted Surfaces Preparation:

Remove peeling paint and clean (see “General Surface Preparation” above). Mildew should be removed using a suitable mildew remover. Allow to dry completely. Glossy painted surfaces must be dulled or sanded to improve adhesion. Do not apply to floors previously painted with 2 component epoxy paints/coatings. For bare surfaces that are highly troweled or smooth, acid etching is required. Refer to “ACID ETCHING INSTRUCTIONS” below. Do not etch painted surfaces.

New/Unpainted Surfaces, Garage Floors, Exterior Concrete Preparation:

New concrete must cure for 30 days. For best results, new concrete should be washed and scrubbed thoroughly to remove any surface contaminants. Allow to dry completely. All surfaces subject to vehicle traffic, highly troweled or extremely smooth concrete, must be acid etched. Refer to “ACID ETCHING INSTRUCTIONS” below.

SUBSTRATE QUALITY / PRE-TREATMENT

ACID ETCHING INSTRUCTIONS

Do not etch painted surfaces. Acid etching will dissolve certain minerals in the top layer of concrete, creating a more porous surface for improved adhesion. To etch concrete, predampen the entire surface then use DRYLOK® Concrete and Masonry Etch & Cleaner according to label directions. Apply until the surface has the look and feel of 150-grit sandpaper. The acid etching process may be repeated until the proper texture is achieved.

Test the concrete’s porosity by sprinkling a few drops of water on the surface. If the water droplets do not readily penetrate into the prepared concrete, additional acid etching is required. All residual acid must be removed from the surface. Rinse thoroughly and allow to dry (see “To Check for Trapped Moisture” above) prior to application of the DRYLOK® E1.

On areas that have had efflorescence (saltlike deposit) problems or exposure to excess levels of salt compounds, it is recommended that DRYLOK® Concrete Protector be applied according to label directions prior to application of the DRYLOK® E1.

WARNING

If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and

your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

MIXING

Mix two gallons of the same color paint together to ensure uniform color and avoid shade variations.

APPLICATION

STIR THOROUGHLY BEFORE AND DURING APPLICATION. Air and surface temperature must be between 50°-90°F (10°-32°C) during application and for a minimum of 4 hours after application.

For exterior surfaces, do not apply if rain is expected within 24 hours. Wait for a dry, rain-free period. DO NOT THIN. Apply an even coat using a 3/8" (9.525 mm) nap roller or nylon/polyester brush. Do not paint in direct sunlight or apply to a hot surface. Provide good ventilation for normal drying. Allow first coat to dry 4 hours prior to applying the second coat. High humidity and low temperatures may require longer drying times. The second coat should be applied in a cross direction to the first coat to achieve color uniformity. Do not apply more than 2 coats. When using 2 or more containers of the same color of DRYLOK® E1, mix together to assure color uniformity.

NOTE: Painted surfaces may become slippery when wet. If a slip resistant surface is desired add 2-4 oz. (59-118 mL) of DRYLOK® Non-Skid Texture Additive per gallon to DRYLOK® E1.

IMPORTANT

Floors that are subjected to hydrostatic pressure (water seeping from underneath the floor) or are continually damp cannot be satisfactorily painted with any paint or coating. Moisture on basement floors caused by water seeping through masonry walls or through floor-wall joints or cracks must first be eliminated. Use DRYLOK® Fast Plug®, a quick setting hydraulic cement, to fill floor-wall joints or cracks. If the basement floor is subjected to hydrostatic pressure, use DRYLOK® Floor & Wall Masonry Waterproofer to control water. Then, apply DRYLOK® E1 per label directions. In addition, outside work may be required to eliminate water infiltration.

LEGAL DISCLAIMER

- **KEEP CONTAINER TIGHTLY CLOSED**
- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at www.drylok.com or by calling SIKA's Technical Service Department at 1-800-272-3235, option 2. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and

Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at https://usa.sika.com/en/about-us/terms-conditions-of-sale.html or by calling 1-800-272-3235, option 2.

TECHNICAL DATA SHEET

2400 Boston Street |Suite 200 | Baltimore, MD | 21224

DAP® DYNAFLEX® 920 PREMIUM EXTERIOR ELASTOMERIC SEALANT

PRODUCT DESCRIPTION

DAP® DYNAFLEX® 920 PREMIUM EXTERIOR ELASTOMERIC SEALANT is a high performance, solvent-based, elastomeric sealant developed for professional siding and window installations. It provides a long-lasting elastomeric seal which helps to prevent water and air intrusion. The extensive offering of colors provides an aesthetically appealing finished look to any installation. It can be applied to wet/damp surfaces and in extreme weather conditions. It will not wash out when exposed to rain prior to full cure. Crackproof, waterproof and weatherproof. Paintable and self-tooling. Meets ASTM C920, Class 25. Exterior use.

PACKAGING	COLOR	UPC
10.0 fl oz (296 mL)	White (WT098)	7079889200
10.0 fl oz (296 mL)	Colors (All)	7079889(+ 3-digit Color #)

KEY FEATURES & BENEFITS

- Meets ASTM C920, Class 25
- Adheres to wet/damp surfaces
- Applies at temperatures as low as 20°F
- Extremely flexible – crack proof
- Waterproof & weatherproof
- Self-tooling
- Paintable after cure
- Excellent UV stability
- Exterior use
- MasterSpec Section 07900 Weatherproof Sealants

TECHNICAL DATA SHEET

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SUGGESTED USES

USE FOR EXTERIOR WEATHERIZATION SEALING APPLICATIONS SUCH AS:

- Windows
- Doors
- Siding
- Exterior trim
- Gutters
- Flashing
- Pipes
- Vents
- Ducts

ADHERES TO:

- Wood – painted & unpainted
- Vinyl
- Most plastics
- Aluminum
- Most metals
- Fiber cement
- Concrete
- Mortar
- Brick
- Stone
- Glass
- Ceramic
- Fiberglass
- Stucco
- Most common building materials

FOR BEST RESULTS

- Application temperature range is between 20ºF and 120ºF.
- Not for butt joints less than ¼" wide or joints exceeding ½" wide x ½" deep. If joint depth exceeds ½", use foam backer rod.
- Recommended bead size: 1/4" to 3/8"
- Apply a convex sealant bead to joint ensuring sealant contacts both surfaces. Avoid gaps in sealant bead, fill joint and avoid tooling. Natural shrinkage during cure will leave a flat or concave bead.
- Not recommended for continuous underwater use, below grade applications, or for surface defects.
- Store below 80°F in dry place for optimal shelf life.

APPLICATION

Surface Preparation

Surface must be clean, dry, structurally sound and free of old caulk, dirt, dust & other contamination.

Product Application

1. Cut nozzle tip to allow for a minimum ¼" bead size.
2. Load cartridge into caulk gun. Apply pressure to burst foil seal inside spout.
3. Fill gaps and cracks with sealant.
4. Clean up excess wet sealant from surface and tools with mineral spirits. Scrape or cut away excess dried sealant. Do not use mineral spirits to clean hands or skin. Wash hands or skin with soap and water.
5. Paintable after fully dried through (7 to 14 days), depending on temperature & humidity.

TECHNICAL DATA SHEET

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TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	Gunnable, non-sag paste
Base Polymer	Synthetic rubber
Filler	Calcium carbonate
Volatile	Exempt solvents
Weight % Solids	70.8%
Density (lbs per gallon)	10
Odor	Strong solvent
Flash Point	>98ºF
Freeze Thaw Stability (ASTM C1183)	Will not freeze
Shelf Life	24 months
Coverage	31 linear feet at 1/4” diameter bead, 14 linear feet at 3/8” diameter bead
Typical Application Properties	
Application Temperature Range	20ºF to 120ºF
Tooling Time (Working Time)	5 minutes
Tack Free Time	5 minutes
Full Dry Through	7-14 days
Vertical Sag (ASTM D2202)	0.05”
Typical Cured Performance Properties	
Service Temperature Range	No data available
Paint Ready Time	7-14 days
Mildew Resistance	Cured sealant is mold & mildew resistant
Dynamic Joint Movement (ASTM C719)	+/-25%

CLEAN UP & STORAGE

Remove excess uncured sealant from surfaces and tools with mineral spirits. Excess cured sealant must be cut or scraped away. Do not use mineral spirits to clean hands or skin. Wash hands or skin with soap and water. Store container in temperatures below 80ºF and in a dry place.

TECHNICAL DATA SHEET

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SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request a SDS by visiting our website at dap.com or calling 888-DAP-TIPS.

WARRANTY

WARRANTY: If product fails to perform when used as directed, within one year of date of purchase, call 888-DAP-TIPS, with your sales receipt and product container available, for replacement product or sales price refund. DAP Products Inc. will not be responsible for incidental or consequential damages.

COMPANY IDENTIFICATION

Manufacturer: DAP Products Inc., 2400 Boston Street, Baltimore, Maryland 21224

Usage Information: Call 888-DAP-TIPS or visit dap.com & click on “Ask the Expert”

Order Information: 800-327-3339 or orders@dap.com

Fax Number: 410-558-1068

Also, visit the DAP website at dap.com