



PRODUCTS

Division of Sierra Corporation

TK-338-1 ELASTA BLOCK

Meets Federal EPA's VOC Requirements

Technical Data



PRODUCTS
3, 7 & 9

TK-338-1 ELASTA BLOCK
Acrylic, Elastomeric Block Filler and Primer

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1. PRODUCT NAME

TK-338-1 ELASTA BLOCK

2. MANUFACTURER

TK PRODUCTS, DIVISION OF

SIERRA CORPORATION

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Minnetonka, MN 55343

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3. PRODUCT DESCRIPTION

TK-338-1 ELASTA BLOCK is a 100% acrylic, elastomeric modified above grade block filler and primer for use on all types of concrete and masonry, both interior and exterior. It is used to fill the porosity, small voids and pinholes in concrete and masonry surfaces prior to the application of decorative finish coats. Once cured, it may be top coated with any of TK Products' high build acrylic coatings such as TK Concrete Surfer, Tri-Sheen Acrylic and Tri-Lastic. On interior application, it may be top-coated with epoxy coatings such as the TK Epoxy Color System.

4. TECHNICAL DATA

TK-338-1 ELASTA BLOCK is blended using only the highest quality acrylic resins for improved performance and durability.

- Color: White and Tan
- Packaging: 5 Gallon Pails.
- Vehicle Type: 100% Acrylic, Elastomeric Modified.
- Solvent Type: Water
- % Solids – Weight: 65%
- % Solids – Volume: 50%
- Theoretical Coverage: 65-80 SFPG
- Dry Film Thickness: 10-12 Dry mils (Will vary with coverage rate, surface texture and porosity.)

- Average Dry Time at 70°F:

Tack Free – 60 Minutes

Recoat – 24 Hours

Full Cure – 2 Days

(Will vary with temperature, humidity and application rate.)

- A.I.M. Category: Primers and Undercoaters.

- A.I.M. Definition:

Primer: A coating formulated and recommended for application to a substrate to provide a firm bond between the substrate and subsequent coatings.

Undercoater: A coating formulated and recommended to provide a smooth surface for subsequent coatings.

- V.O.C. Content Limit: 350 grams per liter.

5. APPLICATION PROCEDURES

Surface Preparation:

All surfaces to be coated must be clean and free of dirt, dust, release agents, laitance, loose or crumbling masonry. Power washing is the most efficient and cost effective. However, stubborn stains, grease or oil may be removed with a specialty cleaner such as TK-101 Chemical Cleaner. Light sandblasting may be required for extremely difficult stains.

Any masonry repairs must be made prior to the application of Elasta Block. Surfaces to be coated must be dry (less than 17% moisture content) before applying TK-338-1 ELASTA BLOCK.

Apply TK-338-1 ELASTA BLOCK only to structurally sound surfaces and substrates.

Application:

TK-338-1 ELASTA BLOCK may be applied by spray, brush or roller. A high quality one inch roller cover is recommended, finishing the material in one direction only, either vertically or horizontally.

COVERAGE:

The coverage rate of TK-338-1 ELASTA BLOCK will be greatly determined by the porosity of the substrate, method of application, weather conditions, etc. It is always advisable to complete a trial mock up using the application procedures and equipment to determine a more accurate coverage rate.

Surface Type	Estimated Coverage
Smooth Concrete Block	85-100 SFPG
Precast/Cast in Place Concrete	90-100 SFPG
Stucco/Plaster Surfaces	80-100 SFPG
Standard Split Face Block	50-70 SFPG
Fluted on Ribbed Block	50 SFPG
Single Score Split Face Block	50 SFPG

(These are approximate coverage rates for estimating purposes.)

SPRAY EQUIPMENT

Recommendations:

Airless spray equipment capable of 2000-3000 PSI with a tip size of .035. Tip size and material pressure will be effected by hose length.

It is important to maintain a wet edge or open film to lessen uneven application or "lap marks". Hot and/or windy conditions may require the surface to be lightly misted with water for a smoother application and for the product to properly cure.

LIMITATIONS

- Application should commence only when ambient air temperatures have been above 50°F for 48 hours or longer.

- Do not apply if rain, snow, fog, dew, etc. are expected.
- Do not apply to frost filled or frozen substrates.
- Do not apply to masonry walls (i.e. block, brick, etc.) where mortar has not had sufficient time to cure.
- Do not start or stop product application in the middle of a plane or wall. Start and stop at a defined break point (i.e. corner, control joint, etc.) on the building.
- Do not allow product to freeze. To avoid application difficulties, store product above 50°F.
- TK-338-1 ELASTA BLOCK is packaged ready to use. Mix or agitate before using. Thinning should be limited to one pint of clean potable water per gallon of product. Never thin product to extend application rate of material.

FIRST AID:

Inhalation: Remove person to fresh air, give artificial respiration if not breathing. GET MEDICAL HELP. *Eye and Skin Contact:* Flush eyes with clear water for 15 min., call physician. *Ingestion:* DO NOT INDUCE VOMITING. GET MEDICAL HELP.

6. AVAILABILITY:

TK-338-1 ELASTA BLOCK is available through TK Distributors. Contact TK Products for the nearest distributor. Packaged in 5 gallon containers.

7. LIMITED WARRANTY

TK Products, a division of The Sierra Corporation, warrants that its products conform to their label descriptions, are free from manufacturing defects, and are fit for the ordinary purposes for which such goods are used. Inasmuch as the use of its products by others and other factors affecting product performance are beyond TK Products' control, TK Products does not guarantee the results to be obtained. SHOULD ANY OF ITS PRODUCTS FAIL TO GIVE SATISFACTORY RESULTS, TK PRODUCTS WILL REPLACE THE PRODUCTS OR, AT ITS

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8. TECHNICAL SERVICES

The TK office offers assistance with specifications, performance test data and field services.

9. FILING SYSTEMS

Information Handling Services
 PO BOX 1213
 Englewood, CO 80150
 Information Marketing Services
 13271 Northend
 Oak Park, MI 48237

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