

# Elasto Shield

## Multi Purpose Waterproof Coatings / Paints

### Description

When You invest your hard earned money into a building shouldn't you protect it with the best? Use ELASTO SHIELD WALL COATING and KEEP THE RAIN OUT!!

ELASTO SHIELD WALL COATING is a seamless, elastomeric waterproof membrane that can be used on concrete, wood siding, stucco, and other masonry exterior walls to protect against water penetration.

ELASTO SHIELD WALL COATING is an acrylic based coating that contains no plasticizers, but is chemically modified to provide truly elastomeric qualities. ELASTO SHIELD WALL COATING is water-based, and therefore, has little odor and poses no fire hazards.

ELASTO SHIELD WALL COATING has outstanding durability and possesses the excellent elasticity and elongation properties necessary to bridge continually moving cracks without cracking and wrinkling. It has excellent dirt resistance chemistry that enables the coating to maintain its attractive appearance. The material breathes, allowing water vapour to escape from the interior without loss of adhesion, yet keeps water out. It remains flexible under various weather conditions.

ELASTO SHIELD WALL COATING provides an effective anti-carbonation cover equivalent to many times its applied thickness that protects the structure reinforcement from deterioration, thus increasing the life of the building ..... and the investment as an End Result.

### Limitations

Do not use on below grade walls or under continuously submerged conditions. Do not apply shortly before or during rain. KEEP AWAY FROM FREEZING.

### Colours

White, Off White, Lilly white, Ash white, Apple white, Rose white, Sky gray, Beige, Sand stone, Tea rose, Sahara sand, Moorland, Roof tile, Custom matched colours are also available.

### Packaging

Available in 1 gallon & 4 gallon.

### Features

ELASTO SHIELD is a self-extinguishing coating that does not support combustion.

### Product Warranty

All products proven to be defective in manufacture will be replaced at no charge. Since the use of these products in beyond our control we cannot accept damage in excess of the purchase price of these products.

### Technical Data

|                       |            |               |
|-----------------------|------------|---------------|
| Solid Contents        | ASTME 1076 | 62% by weight |
| Tensile Strength      | ASTMD 412  | 476 P.S.I     |
| Ultimate Elongation   | ASTMD 412  | 610%          |
| Shore A Hardness      | ASTMD 2240 | 35 ± 5        |
| Peel Adhesion(con.)   | ASTMD 903  | 18 P.L.I      |
| Viscosity at 25° C    | Brookfield | 8400 CPS      |
| Low Temp. Flexibility |            |               |
| At 28°c, 1" Mandrel   |            |               |
| 180° Bend             |            | passes        |

### Surface Preparation

Concrete should be cured for at least 28 days prior to coating. All concrete and masonry surfaces shall be thoroughly cleaned to remove all dirt, grease efflorescence or other foreign matter. ELASTO SHIELD will bond to painted surfaces, but it must be understood that such a system will bond only as well as the paint is bonded to the substrate. Wood surfaces must be cleaned and relatively dry before application. All cracks over 1/16" in width must be ground and caulked flush with JOINT GUARD.

# Waterproofing

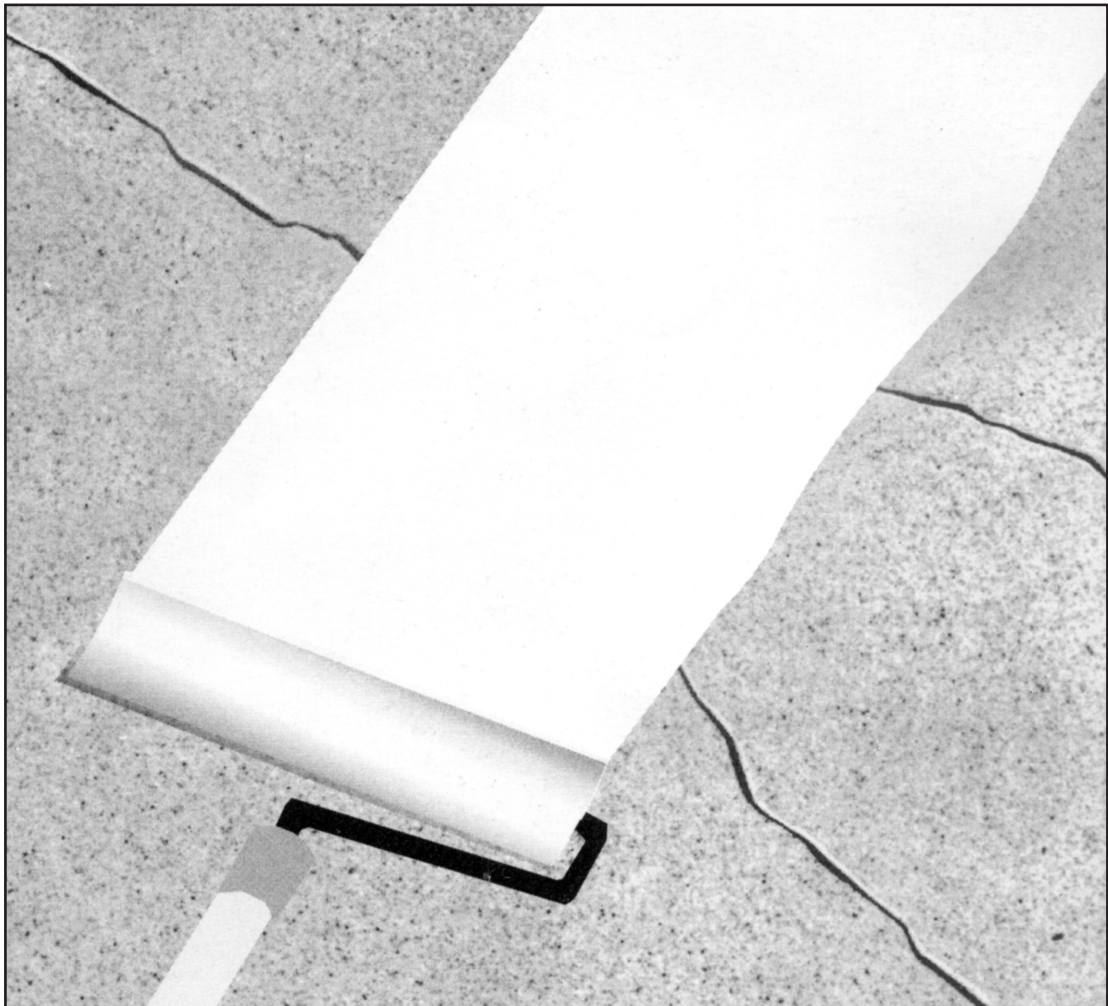
## Application

Certain surfaces, such as extremely porous masonry concrete or wood may require primer. The ELASTO SHIELD diluted with 50% water must be applied at 200-250 Sq. Ft. per liter depending on the porosity of the substrate. The ELASTO SHIELD coating may be applied after a 1 hour dry time.

Elasto Shield is applied at 125-150 Sq. Ft. per liter. Per coat depending on the surface condition.

Minimum two coats are recommended following a 4 hour cure time between coats. Apply in a cross pattern to eliminate pin holes. Application may be made by brush, roller or airless spray equipment or conventional heavy duty spray equipment. The ELASTO SHIELD is thixotropic rather than viscous and therefore, breaks up easily in a spray pattern. The first coat must be thoroughly dry before

applying a second coat. The time required will vary dependent on temperature, wind and humidity. All ferrous surfaces should be primed with a rust inhibiting primer prior to application of ELASTO SHIELD. Equipment may be cleaned up with soap and water.



**Delta Coatings  
& Sealants**