

FEATURES

TOA ELASTICSHIELD SEALER is based on high quality acrylic resin. The features are outstanding for water proof and permeability, anti-carbonation, anti-mould and fungus, protect alkali resistance and excellent adhesion .

TECHNICAL INFORMATION

Type	: Acrylic resin
Color	: Clear
Film appearance	: Gloss
Solid by volume	: 15.0 ± 1.0 %
Solid by weight	: 20.0 ± 1.0 %
Flash point	: 40.00 °C
Volatile organic compounds (VOCs)	: - gram / liter
Wet film thickness	: 100 microns
Dry film thickness	: 13-15 microns
Theoretical coverage.	: 30-35 sq.m. / gallon / coat

Remark - Actual Surface coverage will depend on surface irregularities, Mixing, Application Condition method and technique; as well as the structure and dimensions of the object to be coated.

Touch dry (25-30°C)	: 20-30 minutes.
Recoat dry (25-30°C)	: 2 hours.
Full cure (25-30°C)	: 1 days.

REFERENCE STANDARD

: -

APPLICATION

Tools	: Roller, Brush
Thinner No.	: Ready to use
Dilution (%)	-

APPLICATION SYSTEM

Surface Preparation

Old surface

- : The surfaces must be clean and free of dirt, wax, salt, old paint and other contaminants.
- : Chalky surfaces or loose material must be removed by stiff brush.
- : TOA113 Microkill is used to get rid of algae and fungi that left on the surfaces.
- : The surfaces must be clean with suitable cleansing solution and water then rinse thoroughly with fresh water and allow to fully dry.
- : TOA 301 Acrylic Sealent or TOA Acrylic Filler is used to repair all cracks and rough surfaces.

Coating system

Primer

: Apply 1 coat of TOA ElasticShield Sealer

Topcoat

: Apply 1 coat of TOA ElasticShield mixed with clean water at ratio 3 : 1 (paint : water) by normal roller.
: Apply 1 coat of TOA ElasticShield (Ready to use - not mixed water) by TOA ElasticShield roller.

Recommendation

: The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is required in confined areas to ensure correct drying.

HANDLING AND STORAGE**Storage condition**

: The product must be stored in accordance with national regulations.

Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition.

Containers must be kept tightly closed.

Shelf life

: 5 years. (at 25-30°C from manufacturing date)

HEALTH AND SAFETY

: Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

: For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

DISCLAIMER

: The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything only the quality of the product itself. We reserve the right to change the given data without notice.