



ELASTO-SHIELD® TG SERIES 265

PRODUCT PROFILE

- GENERIC DESCRIPTION** Modified Polyurethane
- COMMON USAGE** A trowel-grade compound for use with Elasto-Shield products. Used to fill and repair cracks, bugholes, spalled or otherwise damaged concrete, masonry and asphalt. Also used for sealing the edges of faying surfaces, sealing seams, filling pits and encapsulating rivet and bolt heads on the interior of steel tanks.
- COLORS** Black
- SPECIAL QUALIFICATIONS** **Underwriters Laboratories Inc.**® certified to **Standard ANSI/NSF 61** for use in potable water storage; **UL control No. 1N12**. Maximum contact area is: 20 cm² per litre of water, with minimum allowable size of tanks 5,000 gallons; cold water applications.
- PERFORMANCE CRITERIA** Extensive test data available. Contact your Tnemec representative for specific test results.

COATING SYSTEM

- ADHESION PROMOTER AND PRIMER**
 - Steel:** Series 20, FC20, 66, N69, N140, 161, 260
 - Glass and Fiberglass:** Series 260
 - Concrete:** Self-priming or Series 20, FC20, 66, N69, N140, 161
 - CMU:** Self-priming or Series 20, FC20, 66, N69, N140, 161
 - Note:** The use of a primer will greatly reduce the natural tendency of concrete and CU to outgas - a frequent cause of polyurethane topcoat bubbling. Also, Series 20, FC20, 66, N69, N140 or 161 exterior exposed more than one week must first be scarified or reprimed with themselves. Brush blasting with fine abrasive is the preferred method of scarification. See also **Caution** statement at APPLICATION.

SURFACE PREPARATION

- STEEL**
 - Immersion Service:** SSPC-SP10 Near-White Blast Cleaning
 - Non-Immersion Service:** SSPC-SP6 Commercial Blast Cleaning
- CONCRETE** Allow new concrete to cure 28 days. Abrasive blast referencing SSPC-SP13/NACE 6 Surface Preparation of Concrete and Tnemec's Elasto-Shield Application Guide. For slab on grade, check for hydrostatic pressure and contact Tnemec Technical Services.
- ALL SURFACES** Must be clean, dry and free of oil, grease, form release agents, curing compounds/membranes, sealers, hardeners and other contaminants.

TECHNICAL DATA

- VOLUME SOLIDS** 89.0 ± 2.0% (mixed)
- RECOMMENDED DFT** Trowelled: 50 to 125 mils (1270-3175 microns)
Filling and Patching: Up to 1/4" (6.4 mm) deep

CURING TIME

Temperature	Recoat Window †
75°F (24°C)	3 hours

Curing time varies with air & substrate temperature, air movement, humidity and film thickness. † **Note:** Scarify the surface and apply a coat of Series 260 Tneme-Bond before recoating if the maximum recoat time has been exceeded. Refer to Elasto-Shield Application Guide.

- VOLITILE ORGANIC COMPOUNDS** **Unthinned:** 0.74 lbs/gallon (88 grams/litre)

THEORETICAL COVERAGE See APPLICATION for coverage rates.

NUMBER OF COMPONENTS Two—Liquids: Part A and Part B

PACKAGING KIT CONSISTS OF:

	PART A (Partially filled)	PART B (Partially filled)	When Mixed
Small Kit	1 gallon can	1 pint plastic bottle	0.794 gallons (3.0L)

NET WEIGHT PER GALLON 8.24 ± .25 lbs (3.74 ± .11 kg) (mixed)

STORAGE TEMPERATURE Part A: Minimum 20°F (-7°C) Maximum 110°F (43°C)
Part B: Minimum 70°F (21°C) Maximum 95°F (35°C)

TEMPERATURE RESISTANCE (Dry) Continuous 200°F (93°C) Intermittent 250°F (121°C)

SHELF LIFE 24 months at recommended storage temperatures.

FLASH POINT - SETA Part A: 101°F (38°C) Part B: >250°F (121°C)

HEALTH & SAFETY This product contains chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.
Keep out of the reach of children.

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APPLICATION

COVERAGE RATES

(Per Gallon)
 Trowelling at 1/8" 12.8 sq ft/gal (1.2 m²/gal)
 Patching/Filling at 1/4" 6.4 sq ft/gal (0.6 m²/gal)

Caution: Do not apply when surface temperature is below 50°F (10°C); material temperature at time of application must be a minimum of 60°F (16°C).

MIXING

Use a 1/2" (5.5 amp) variable speed drill with a drywall mud or plaster mixing blade. Slowly mix the entire contents of Part A in the pail supplied. While continuing agitation, slowly add the entire contents of the Part B jug and mix for 3 minutes. **Note:** Do not vary these directions. Also, these materials are packaged by weight and the ratio of Part A and Part B should not be altered. Refer to the Elasto-Shield Application Guide for additional information.

THINNING

Not recommended.

POT LIFE

30 minutes at 60°F (16°C) 15 minutes at 75°F (24°C) 10 minutes at 90°F (32°C)

APPLICATION EQUIPMENT

Trowel: For large areas
 Putty knife, broad knife and pointing trowels: For patching and filling cracks and holes.

SURFACE TEMPERATURE

Minimum 50°F (10°C) Maximum 120°F (49°C)

CLEANUP

Flush and clean all equipment immediately after use with mineral spirits.

CAUTION

All material, equipment, air supply and surfaces to be coated must be kept dry. Do not apply when wet weather or wet conditions may occur within 4 hours of application. Do not apply in direct sunlight. Material must be applied when surface temperatures are stable or in a descending pattern. Refer to the Elasto-Shield Application Guide for further instructions.

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