

# Dampney Protective Coatings

**THURMALOX®**  
HEAT RESISTANT COATINGS

**APEXIOR®**  
IMMERSION LININGS

**ENDCOR / EPODUR®**  
MAINTENANCE COATINGS

**ELASTOID®**  
ELASTOMERIC COATING

**DYMACRYL®**  
CONCRETE STAIN AND SEALER

**ALVIN**  
REPAIR & MAINTENANCE PRODUCTS

Dampney Company, Inc.  
Everett, Mass.

**ADVANCED COATINGS SINCE 1917**

[www.Dampney.com](http://www.Dampney.com)

# THURMALOX® Heat Resistant Coatings

## Designed for the Petro-Chemical, Refining, Power Generation & Industrial OEM Markets

### Primers:

**THURMALOX 210\*** — A zinc dust silicone primer applied to un-insulated carbon steel surfaces with a maximum heat resistance of 500°F (260°C). Suitable finish coats for Thurmalox 210/210C include Thurmalox 200/200C and 260/260C series.



**THURMALOX 225HD** — A high build silicone primer applied to insulated and un-insulated carbon and stainless steel surfaces with a maximum heat resistance of 1200°F (649°C). Thurmalox 225HD offers high build protection for deep profile blasted surfaces. Suitable finish coats for Thurmalox 225HD include Thurmalox 230/230C and 280/280C series.

**THURMALOX 245\*** — A zinc dust silicone primer applied to un-insulated carbon steel surfaces with a maximum heat resistance of 1200°F (649°C). Suitable finish coats for Thurmalox 245/245C include Thurmalox 230/230C and 280/280C series.

### Finishes:

**THURMALOX 200\*** — A silicone top coat applied to properly primed un-insulated carbon and stainless steel surfaces with a maximum heat resistance of 500°F (260°C). Thurmalox 200 series coatings are available in both standard and custom color formulations.

**THURMALOX 230\*** — A silicone top coat applied to properly primed un-insulated carbon and stainless steel surfaces with a maximum heat resistance of 1200°F (649°C). Thurmalox 230 series coatings are available in both standard and custom color formulations.

**THURMALOX 260\*** — A self-priming DTM silicone applied to properly prepared un-insulated carbon and stainless steel surfaces with a maximum heat resistance of 500°F (260°C) continuous with peaks to 600°F (315°C). Thurmalox 260 series is designed for both ambient and hot applied/on-line installations up to 500°F (260°C) and is available in both standard and custom color formulations.

**THURMALOX 260 TIC (Temperature Indicating Coating)** — A self priming silicone which provides a temperature indicating coating to alert operations of refractory hot spots and system over-heating/bypassing of hot gasses. Thurmalox 260 TIC is available in three colors with an indicating range of 400°F (204°C) up to 700°F (371°C).



**THURMALOX 280\*** — A silicone aluminum top coat applied to properly primed un-insulated carbon steel surfaces with a maximum heat resistance of 1200°F (649°C).

### CUI (Coating Under Insulation):

**THURMALOX 70\*** — A self priming silicone applied in two coats to properly prepared insulated stainless steel surfaces with a maximum heat resistance of 1000°F (538°C) continuous with peaks to 1100°F (593°C). Thurmalox 70 series coatings are formulated to be free from chlorides and heavy metals, both leading contributors to stress corrosion cracking of insulated stainless steel.



**THURMALOX 218/219** — A two component modified silicone designed for the protection of insulated carbon and stainless steel surfaces with a maximum heat resistance of 450°F (232°C) continuous with peaks to 500°F (260°C). Thurmalox 218/219 is formulated for both ambient and hot applied installations up to 300°F (177°C) and can be re-insulated in 24 hours at 77°F (25°C).

\*Available in low VOC formulations.



**THURMALOX 837/225HD** — A self curing hybrid inorganic zinc rich primer with a maximum heat resistance of 1200°F (649°C). Endcor 837 topcoated with Thurmalox 225HD is ideal for use on new construction insulated carbon steel surfaces.

**THURMALOX 2655** — A one-part, room temperature vulcanizing (RTV) silicone adhesive/sealant for high temperature industrial applications with a maximum heat resistance of 550°F (288°C) with peaks to 650°F (343°C).



## APEXIOR® Immersion Linings

**APEXIOR NUMBER 1\*** — A single component lining formulated for the hot waterside corrosion prevention of metal surfaces. Apexior Number 1 is designed for non-potable immersion ranging from 200°F (93°C) up to 700°F (371°C).



**APEXIOR NUMBER 3\*** — A single component lining formulated for the waterside corrosion prevention of metal surfaces. Apexior Number 3 is designed for non-potable service ranging from ambient to 140°F (60°C).

\*Apexior products are available in low VOC formulations.

## Specialty OEM Products

**THURMALOX 250 SOLAR COLLECTOR COATING** — Selectively absorbs wavelengths with the greatest heat content when used on the metal surfaces of collector panels having glazed covers.

**THURMALOX 2804 ALUMINUM** — A water based silicone which provides heat resistance to 1000°F (538°C).

**THURMALOX 2900** — A water based marking paint applied through automated marking machine to hot steel ingots, slabs and coils up to 1800°F (982°C).

**THURMALOX 8200** — A self priming DTM silicone which provides heat resistance up to 800°F (426°C).



**THURMALOX 8800** — A baking enamel available in low sheen and gloss formulation with heat resistance up to 500°F (260°C). Thurmalox 8800 provides a smooth porcelain like finish.

**THURMALOX 8886** — A two component silicone copolymer lining resistant to glycol cooling agents and synthetic lubricants up to 450°F (232°C).



**THURMALOX 8898** — A DTM silicone alkyd which provides heat resistance up to 300°F (149°C). Thurmalox 8898 provides an easily cleaned glossy surface.

## **ENDCOR / EPODUR® Series Maintenance Coatings**

**ENDCOR 400C** — A low VOC chromate free wash primer.

**RUST RINSE™ 450** — A phosphoric acid based metal conditioning compound for ferrous and non-ferrous metals.

**ENDCOR 560C** — A single component universal primer providing an excellent tie coat to existing coatings. Endcor 560C accepts a wide range of topcoats.

**ENDCOR 570C** — A single component silicone alkyd (contains 30% silicone) providing a glossy UV stable finish coat.

**ENDCOR 700C** — A low VOC semi-gloss epoxy enamel applied to properly prepared concrete and steel surfaces.

**ENDCOR 750C** — A low VOC polyamide epoxy primer for carbon steel and concrete surfaces.

**ENDCOR 772** — A polyamide cured coal tar epoxy which complies with SSPC paint #16. Endcor 772 is ideal for buried pipeline, tank interiors and splash zone applications.

**ENDCOR 782** — 100% solids coal tar epoxy designed for immersion in fresh and salt water application. The solvent free formulation eliminates concern for solvent entrapment and VOC emissions.

**EPODUR 795/794** — A chemical and abrasion resistant epoxy with dry heat resistance up to 350°F (176°C).

**ENDCOR 835** — A self curing ethyl silicate inorganic zinc-rich primer.

## **ELASTOID®**

**ELASTOID 1300** — A single component elastomer with 200% elongation, Elastoid 1300 protects concrete and carbon steel surfaces in wet or submerged applications. May also be used as a gel coat for foam insulated tanks.



## **DYMACRYL®**

**DYMACRYL 1100 SIERRA TONE** — A pigmented acrylic masonry stain providing a UV resistant treatment which resists water permeation, acid rain and salts. Dymacryl 1100 Sierra Tone is available in 10 standard colors and custom colors.

**DYMACRYL 1133** — A colorless non-yellowing concrete treatment resistant to salts, alkalies and acid rain.

**DYMACRYL 1197** — A water clear masonry conditioning compound.



## **ALVIN Products**

**LAB-METAL®** — A ready mixed aluminum filled repair and patching compound with heat resistance up to 350°F (176°C).

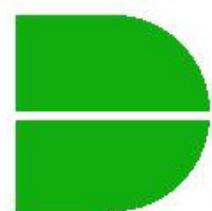
**HI-TEMP LAB METAL®** — A single component metal putty with heat resistance up to 1000°F (538°C). Hi-Temp Lab-metal is ideal for repairs in powder coating and metalworking applications.



**HEAT BLOCK** — A non-toxic heat absorbing paste designed to prevent heat transfer during the brazing, soldering and welding process.

**GALVAX®** — A zinc-rich cold galvanizing compound containing 95% zinc in the dried film.

**TELCON®** — A mold release and dry film lubricant used for molded rubber, epoxy resin systems, threaded parts and precision instruments.



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