

**CASE # 13.04.09-A****START REPORT****BACKGROUND**

The Mascoat laboratory was asked to prepare a list of products that have been tested as either a primer or topcoat for various products. This list is not a recommend nor approved list but a compilation of products that have been tested and found to be satisfactory in the Mascoat R and D Laboratory.

**PRIMERS**

<b>American Coatings:</b>	TL86 Series Lining-A two-component, high solids, modified epoxy coating.
<b>American Coatings:</b>	PE 1 Penetrating Epoxy-100% solids epoxy
<b>American Coatings:</b>	EM Series High Build Epoxy Finishes-High build epoxy
<b>American Coatings:</b>	SAC Series Heat Resistant Primer-Temp Resistant silicone acrylic primer.
<b>Arcor:</b>	EE80-Epoxy primer
<b>Becc:</b>	521-86181-000 Novaplus
<b>Belzona:</b>	Belzona 5851 Epoxy
<b>Boero:</b>	Boero Delta 3000 Epoxy
<b>Carboline:</b>	Carboguard 890
<b>Carboline:</b>	Carboguard 954HB
<b>Carboline:</b>	Carbozinc 11-2K Inorganic zinc
<b>Carboline:</b>	Carbomastic 15-2K Epoxy primer
<b>Carboline:</b>	Carbozinc 859-2K Zinc rich epoxy
<b>Carboline:</b>	Thermaline 4700-Silicone Aluminum
<b>Carboline:</b>	Thermoline 450-Epoxy Novolac
<b>Gulf Coast Paint:</b>	CM-15 Epoxy Mastic
<b>Gulf Coast Paint:</b>	PC-275 Epoxy Mastic
<b>Hempel:</b>	Hempadur 85-531
<b>Hempel:</b>	Hempadur 85-671
<b>Hempel:</b>	Hempadur 17630
<b>Hempel:</b>	Hempadur 45880
<b>Hempel:</b>	Hempadur Quattro 17634
<b>Hempel:</b>	Hempadur Mastic 47550
<b>Hempel:</b>	Hempadur UNIQ 47741
<b>Hempel:</b>	Hempadur UNIQ 47743
<b>International Paint:</b>	Intertherm 228-2K Epoxy coating
<b>International Paint:</b>	Chartek 7-Fire retardant coating
<b>International Paint:</b>	Interseal 670
<b>International Paint:</b>	Intercure 202
<b>International Paint:</b>	Intertherm 228
<b>International Paint:</b>	Interzone 954
<b>Jones Blair:</b>	Chem-o-gard 33521
<b>Jones Blair:</b>	Chem-o-gard 33522
<b>Jones Blair:</b>	HD 5000/HD 5001 IOZ
<b>Jones Blair:</b>	HD 5020-03
<b>Jones Blair:</b>	RustNot Glass Flake Epoxy HD5020-04-HD5022
<b>Jones Blair:</b>	Ureprime
<b>Jotun:</b>	Jotamastic 87-2K Epoxy coating

<b>Jotun:</b>	Universal Epoxy Primer
<b>Korthal's:</b>	Silicone aluminum coating
<b>Leigh:</b>	Epigrip C251
<b>LifeGuard:</b>	Active Rust Primer
<b>Neogard:</b>	7419 HB
<b>ORCA:</b>	Maritime Anti-Corrosion Film
<b>Picco Coatings:</b>	62 Series Epoxy Primer
<b>Pinturas Villada:</b>	ESI Zinc Primer
<b>Pinturas Villada:</b>	Epoxy Primer 261
<b>Pinturas Villada:</b>	Epoxy Primer 271
<b>Polar Seal:</b>	Primer
<b>PPG:</b>	Amercoat 874HS-1K Modified Silicone primer
<b>PPG:</b>	Amercoat 5106-Alkyd Primer
<b>PPG:</b>	Amerlock 400
<b>Sherwin Williams:</b>	Epo-Phen
<b>Sherwin Williams:</b>	Heat Flex Hi Temp 1200
<b>Sherwin Williams:</b>	Phenicon HS
<b>Sherwin Williams:</b>	Novaplate UHS
<b>Sherwin Williams:</b>	Macropoxy 646-610
<b>Sherwin Williams:</b>	Macropoxy 646-620

It is important to note that even though Mascoat Insulation coatings demonstrated good adhesion to inorganic zinc coatings, good painting practice dictates that a 2K Epoxy intermediate coat should be used to minimize the possibility of pinholes forming.

#### **TOPCOATS\***

<b>Arco:</b>	EE80-Epoxy primer
<b>Carboline:</b>	Carbothane 133
<b>Gulf Coast Paint:</b>	CM-15 Epoxy Mastic
<b>Hempel:</b>	Hempathane HS55610
<b>Hempel:</b>	Hempathane 55190
<b>Hempel:</b>	Hempathane 55610
<b>Hempel:</b>	Hempathane 55910
<b>Hempel:</b>	Polyurethane 55210
<b>International Paint:</b>	Interthane 990HS-2K Polyurethane
<b>International Paint:</b>	Interzone 954
<b>Jaxsan Coatings:</b>	Acrylic Topcoats-Water-based coating
<b>Jones Blair:</b>	Acrylithane 4600-040
<b>Jones Blair:</b>	HS2 Polyurethane
<b>Jones Blair:</b>	HS4 Polyurethane
<b>Neogard:</b>	Permathane 70613
<b>Picco Coatings:</b>	72-100 Polyurethane
<b>PPG:</b>	Pitthane Ultra-2K Polyurethane
<b>Sherwin Williams:</b>	High-solids Polyurethane

\*Mascoat has also been used as a topcoat on three-coat systems. This allows the end user to avoid removing existing, non-damaged coating. Some surface prep may be required before applying to an existing coating system. Please contact Mascoat if a situation like this is present.