

# Devmat 101

**A thick film, 100% solids epoxy lining material**



Devmat<sup>®</sup> 101 is a proprietary, epoxy-based internal lining material specially formulated for corrosion control and restoration of petroleum storage tanks, tank bottoms, tank floors, and pipe internals.

- Resistant to all types of crude and refined petroleum products
- Ideal for storage tank bottoms subject to heavy abrasion
- Low cured shrinkage and flexible enough to withstand “oil canning” effects
- Designed for plural component application in a single coat  
15-40 mils (375-100 microns)
- Asset can return to service in as little as 24 hours at 77°F (25°C), dependant on cargo
- Force cure schedule available for even faster return to service



## Performance data

PROPERTY	METHOD	RESULTS
Abrasion resistance (1000 gram load, 1000 cycles)	ASTM D 4060, CS 17	97 mg loss
Adhesion	ASTM D 4541	1200-1500 psi
Impact resistance (1/8" steel)	ASTM D 2794	60 in/lbs
Cathodic disbondment (90 days @ 3 volts DC in 3% NaCl @ 77°F (25°F))	ASTM G 95	No loss of adhesion, no blistering
Scribe		Less than 0.5% rusting at edges

## Independent test data

PROPERTY	TEMPERATURE	PRESSURE	RESULTS
Autoclave (NACE TMO185 4 day exposure to simulated sour crude*)	250°F (121°C)	1000 psig	Passed

\*5% NaCl (water phase) 1:1 kerosene:toulene (organic phase), sour gas (5% H<sub>2</sub>S, 5% CO<sub>2</sub>, balance CH<sub>4</sub> - gas phase)

**THE POWER TO PROTECT™**

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