



## OPTI-CHECK™ OPTICALLY ACTIVE PIGMENTS

Opti-Check™ Optically Active Pigments (OAP), available in a variety of tank lining products, allow applicators to check the coating instantly for:

- pinholes and holidays
- uniform coverage
- proper film thickness

The fluorescing technology significantly extends the service life of tank linings simply by illuminating the coating using a portable ASTM E2501 approved ultraviolet source.



OAP Pigments fluorescing the Sherwin-Williams Logo under UV light.



### ONE COAT SYSTEM

Pinholes as small as 6 microns are identified instantly by not illuminating when viewed with UV light. Proper film build and uniform coverage can also be verified instantly by illuminating at a consistently uniform brightness.

### TWO COAT SYSTEM

Opti-Check OAP can be used as a two coat system using the OAP product as the first coat. Pinholes as small as 6 microns are identified instantly by illuminating where not properly covered by the non-OAP topcoat using the portable UV flashlight.

## TANK LININGS AND CORROSION CONTROL COATINGS

### **DURA-PLATE® UHS PRIMER WITH OPTI-CHECK TECHNOLOGY**

---

An ultra-high solids epoxy amine now available with Opti-Check for rapid holiday detection. For use in immersion service in ballast tanks, oil tanks and refined fuel storage tanks. Dura-Plate UHS Primer provides excellent surface wetting and adhesion properties, especially over rust-pitted steel surfaces. Low odour, low temperature hardener for applications from 4.5°C (40°F) to 25°C (77°F). NSF approved to Standard 61 for potable water.

### **FAST CLAD® EPOXY PRIMER WITH OPTI-CHECK TECHNOLOGY**

---

An ultra-high solids epoxy amine now available with Opti-Check for rapid holiday detection, engineered for immersion service in sea water ballast tanks, fuel/sea water ballast tanks and petroleum storage tanks. Fast Clad Epoxy Primer provides excellent surface wetting and adhesion properties, especially over rust-pitted steel surfaces. The rapid return to service (24 hrs @ 25°C (77°F)) properties of this coating provide superior value compared to conventional epoxies. Low VOC and low odour.

### **NOVA-PLATE® UHS PRIMER WITH OPTI-CHECK TECHNOLOGY**

---

An ultra-high solids epoxy novolac amine now available with Opti-Check for rapid holiday detection. For use in immersion service in ballast tanks, oil tanks, refined fuel storage tanks and for well deck overheads. Nova-Plate UHS Primer provides excellent surface wetting and adhesion properties, especially over rust-pitted steel surfaces. Low VOC and low odour.

### **DURA-PLATE® UHS WITH OPTI-CHECK TECHNOLOGY**

---

An ultra-high solids epoxy amine available with Opti-Check for rapid holiday detection, engineered specifically for immersion service in ballast tanks, oil tanks and refined fuel storage tanks. The high build, edge-retentive properties of Dura-Plate UHS provide superior protection compared to conventional epoxies. Low VOC and low odour. NSF approved to Standard 61 for potable water.

### **THE SHERWIN-WILLIAMS DIFFERENCE**

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including Oil & Gas, Water & Wastewater, Bridge & Highway, Steel Fabrication, Flooring, Food & Beverage, Fire Protection, Marine, Rail and Power.

### **EXPRESSCOTE HCR WITH OPTI-CHECK TECHNOLOGY**

---

A glass flake filled epoxy novolac lining, available with Opti-Check for rapid holiday detection, is engineered to protect steel tank interiors from chemicals and solvents at ambient and elevated temperatures, plus provides a fast return to service (24 hrs @ 25°C / 77°F). Applications include water and waste water facilities, petrochemical storage tanks and piping, crude oil tank interiors, ballast tanks and chemical holding tanks, well deck overheads and trenches, troughs, sumps and pits.

### **FAST CLAD® ER EPOXY WITH OPTI-CHECK TECHNOLOGY**

---

An edge retentive ultra-high solids epoxy amine coating available with Opti-Check for rapid holiday detection and fast return to service (24 hrs @ 25°C / 77°F). Designed for immersion service in sea water ballast tanks, fuel/sea water ballast tanks and petroleum storage tanks. Low VOC and low odour.

### **MACROPOXY® 250 EPOXY WITH OPTI-CHECK TECHNOLOGY**

---

A high solids, high build, fast-drying, polyamide epoxy available with Opti-Check for rapid holiday detection, classified by UL to ANSI/NSF 61 as a tank lining for potable water storage tanks. The high solids formulation ensures adequate protection of sharp edges, corners and welds.

### **MACROPOXY® 985 EPOXY WITH OPTI-CHECK TECHNOLOGY**

---

A high solids, high build, direct to metal, polyamine adduct cured epoxy now available with Opti-Check. Designed to protect steel and concrete in industrial exposures, Macropoxy 985 is ideal for maintenance painting and fabrication shop applications. This product is recommended for marine applications, refineries, offshore platforms, fabrication shops, chemical plants, tank exteriors, power plants, water treatment plants, and mining and minerals industry.

### **PHENICON HS WITH OPTI-CHECK TECHNOLOGY**

---

A low-VOC epoxy novolac phenolic coating available with Opti-Check for rapid holiday detection, formulated for use as a chemical-resistant internal lining for tanks used to hold crude oil and most refined petroleum products. Also formulated for secondary containment uses.