



Phone: (877) 427-0090

Email: info@PolyLiningSystems.com

Web: www.polyliningsystems.com



Poly Lining Systems 477FC Series

PLS 477FC is a fast-curing, high-solids epoxy coating designed for steel and concrete substrates in marine environments and non-potable water applications, featuring easy application, low odor, low VOC content, chemical and abrasion resistance, slip-resistant properties, and a semi-gloss finish available in various colors, excluding potable water applications.

PLS 477FC Benefits

Low VOC, low odor. chemical and abrasion resistant. easy to apply. slip resistant

Ideal for use in marine applications. water treatment plants. pulp and paper mills. offshore platforms. and tank exteriors.

Product Characteristics:

Solids Content:

Volume Solids > 70%

VOC (EPA Method 24)

Unreduced < 250g/L (2.08 lb/gal)

Reduced/Cleanuf, with Oxsol 100 Flash

Point: 91 F (330C) TCC. mixed

Part A/Part B Ratio = 1:1

Spread Rate/Coat

Wet mils 7- 13.5, Dry mils 5- 10

Weight of Solids – 85% (+/- 2%)

Reduced VOC < 300g/L (2.50 lb/gal)

Coverage – 116-232 sq ft (2.8 – 5.7 sq m/L)

Working Time:

Recoat Times (minimum): 35°F/1.7°C = 4-5 hrs. 77°F/25°C = 2 hrs, 100°F/38°C = 1.5 hrs Immersion Times:
35°F/1.7°C = 14 days. 77°F/25°C = 7 days. 100°F/38°C = 4 days

Pot Life: 35°F/1.7°C = 10 hours. 77°F/25°C = 4 hours, 100°F/38°C = 2 hours

Sweat in Time: 35°F/1.7°C = 30 minutes, 77°F/25°C = 30 minutes, 100°F/38°C = 15 min

Maximum recoat time is 1 year. If exceeded, abrade surface prior to recoat

Unopened shelf life is 36 months

*Typical properties are not to be construed as specifications