

OBIC 1200 – OBIC



Typical Installations

Repair and preventative maintenance for culverts and pipelines.

Product Highlights

OBIC 1200 is a two-component polyurethane coating. When cured, it is highlighted by:

- High flexural modulus semi-structural monolithic coating for culvert and pipeline rehabilitation
- Excellent impact resistance and abrasion protection
- Formulated for rehabilitation of storm water, waste water, steel, concrete pipe repairs and other municipal or industrial applications.
- Recommended installation for structures 60” and larger in diameter
- Produced in an ISO 9001-2015 certified facility

Property	Value
Tack Free	3-5 seconds
Initial Cure for Light Traffic	30 minutes
Return to service	60 minutes

Property	Value
Hardness, Shore D, D-2240	70 D
Flexural modulus, D-790	> 93,000 psi
Tensile strength, D-412	> 4200 psi
Elongation, D-412	20%
Taber Abrasion Resistance, D-4060 Abradant CS-17 5,000 Cycles	64.6 mg
Impact strength (direct), C-14	> 50 lbs.
Adhesion Concrete Steel	> 350 PSI >2,000PSI

Property	Value
Flexibility (180° bend over 1/2-inch mandrel), D-522	Pass at 40 mils
A Side Hose Temp	150-165 F
B Side Hose Temp	150-165 F
Pump	PMC PHX 40 or HXP2
Spray Pressure	2200 PSI (Dynamic)

Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

Surface Preparation

Surface must be clean, dry and in sound condition. Remove all oil, dust, grease, dirt, loose rust and other foreign material to ensure adequate adhesion. See the OBIC 1200 Technical Data Sheet for minimum surface preparation requirements for Steel, Concrete and Masonry.

Safety

Read and review entire SDS for OBIC 1200 prior to use.

Packaging, Storage & Shelf Life

OBIC 1200 is available in 55-gallon drums, and 275-gallon totes. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions in factory-sealed containers.