



Creates a strong and water tight seal for manhole frames, chambers and vaults.
Replaces butyl joint sealants!

Bonds and seals concrete, metal, plastic, wood and pre-cast connections, and expands to fill voids and seal all substrates.

XSEAL is a single component, hydrophobic polyurethane sealant. It is applied when assembling chambers, manhole sections and vaults, creating a super-strong and infallible seal.

It can also be used for attaching or adjusting rings and manhole frames to the concrete cone. Other uses include:

- Roof Bolts
- Vaults
- Tunnels
- Dams
- Earthen and Concrete
- Slurry Walls
- Concrete Pipe
- Flumes

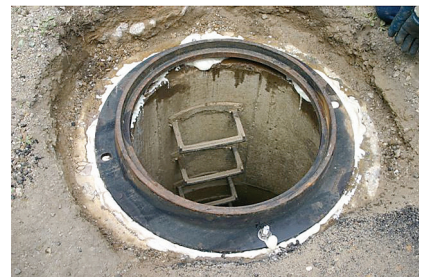
With the global trend moving toward stricter guidelines and specification, XSEAL provides the peace of mind you need when working with long term infrastructure. Simple, low cost, hassle free and guaranteed.



Applying XSEAL to Manhole Ring



Setting Manhole Frame on Ring



Expands and Creates an Air and Water Tight Seal in Minutes



The Job is Finished

Model #	Description	Case Pack
SG-X-SEAL-12	XSEAL (300 ml cartridges) 12	12



Your 1 Source For Infrastructure & Water Management Solutions

Phone: 810-412-4740 • www.S1Eonline.com



XSEAL Product Specification

Single component closed cell, pre-catalyzed, hydrophobic, flexible, sealant and adhesive.

Applications

- Bonding of concrete/metal/plastic/wood
- Expands to fill void and seal all substrates
- Replaces and upgrades butyl type sealant gaskets
- One bottle seals two joints

Advantages

- Creates tenacious bond to any surface
- Closed cell structure creates hermetic seal (vac test) in under two hours
- Expansion fills voids 20:1 ratio
- Flexibility accommodates movement while maintaining seal - withstands thermal expansion and traffic vibration
- Extremely simple to apply
- Save on labor and materials
- Non-hazardous - No VOC's, CFC's or HFC's

Ease of Use:

1. Clean and smooth surface
2. Wet surfaces to be joined
3. Apply XSEAL
4. Set adjustment, riser, casting

Storage

- Maintain seal until ready for application
- Product is moisture sensitive
- Store under 80°F

Packaging

- 300 ml cartridges

Transport

- U.S. D.O.T. Unregulated Class 55

Shelf Life

- 2 Year in unopened containers

Uncured Physical Properties		
-20KF (shrinkage)	0% 1 day	ASTM D-2126
Viscosity @ 68K F	375 cps	
Specific Gravity @ 60K F	1.18	
% Solids	100%	
Color	Amber	
Solvents	None	

Cured Material Properties			
	Free Rise	Confined	
Density	03 PCF	50 PCF	
Compressive	125 psi	3,500 psi	ASTM D-1622
Tensile	75 psi	3,600 psi	ASTM D-1621
Shear	50 psi	1,760 psi	ASTM D-638
Elongation	40%	9%	ASTM D-3574



Your 1 Source For Infrastructure & Water Management Solutions

Phone: 810-412-4740 • www.S1Eonline.com