



XSEAL

SINGLE COMPONENT HYDROPHOBIC POLYURETHANE SEALANT



UNMATCHED SEALING POWER

X-Seal creates a water-tight, super-strong bond across concrete, metal, plastic, and more, ensuring durability in critical infrastructure.

VERSATILE AND RELIABLE

From manhole frames to tunnels and dams, X-Seal adapts to all substrates and voids, delivering consistent results in diverse applications.

FUTURE-READY ASSURANCE

Compliant with global standards, X-Seal offers peace of mind with long-lasting, low-cost, and hassle-free performance.



Part Number	Description
SG-X-SEAL-12	X-Seal (12-300 ml Kit)



X-SEAL PRODUCT SPECIFICATION

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(s) on labor and materials

APPLICATIONS

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

EASE OF USE

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

STORAGE

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

TRANSPORT

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

PACKAGING

300 ml dual cartridge

Uncured Physical Properties

-20°F (shrinkage)	0% 1 jour	ASTM D-2126
Viscosity @ 68°F	375 cps	
Specific Gravity @ 60°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

