

## Introduction

SealXpert® Fiberglass Repair Patch is a high-technology, adhesive-impregnated repair system that cures at room temperature and makes permanent, waterproof on-site maintenance to pipes, tanks, and containers.

## Typical Applications

- Easy-to-use, fast installation
- Strong adhesion
- Hardens to a tough, durable waterproof finish in minutes
- Excellent adhesion to iron, steel, stainless steel, titanium, fiberglass, aluminium, wood, ceramics, composites, acrylics, PVC, and most other plastics
- Minimal surface preparation

## Typical Applications

Repair scrubbers, ash handling systems, pipe elbows, screens, and chutes; recontour chippers, bins, hoppers, bunkers, separators, diester tables; protect exhausters, chutes, launderers, housing fans, crushers, and breakers.

## Typical Properties of Uncured Material

Average thickness	1 ply: 0.075 in.
Colour	White
Fixture time	1 hour
Flashpoint	149°C (300°F)
Full cure	4 hours
Functional cure	1 hour
Mixed viscosity	17,000 cps
Service temperature	93°C (200°F)

## Typical Properties of Cured Material

Adhesive tensile lap shear (AL)	2,400 psi
Adhesive tensile lap shear (ABS, PVC)	1,200 psi
Coefficient of thermal expansion	64 x 10 <sup>-5</sup> in./in.
Cured shrinkage	0.0010 in/in
Dielectric strength	250 volts/mils
Flexural strength	19,000 psi
Impact resistance	30 ft.lbs./in.(2)
Peel strength (GBS)	35 pli
Pot life	5 min
Shore hardness	70 Shore D
Solids by volume	100
Tensile elongation	15-25%
Tensile modulus	192,000 psi
Tensile strength	10,000 psi
Tpeel	35 pli

## Directions for Use

1. When making repairs to pipes, shut down the pressure. In tanks, pressure should be relieved by lowering the fluid level.
2. Clean the repair surface by solvent, wiping any deposits of heavy grease, oil, dirt, or other contaminants.
3. Roughen the area to be repaired.
4. Immerse the SealXpert® Fiberglass Repair Patch into water.
5. Apply SealXpert® Fiberglass Repair Patch onto the affected area.

## Notice

Keep away from children.

This resin contains ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn. SealXpert® maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers.

Our Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using SealXpert® products in your facilities.

## Storage

Store at temperatures below 35°C (95°F). Storage life decreases with increasing storage temperature. Avoid exposure to heat sources such as direct sunlight or steam pipes. To avoid contamination of product with water, do not store outdoors. Keep sealed to prevent moisture pickup and monomer loss. Rotate stock.

The product shelf life is 24 months.

Disclaimer: The information contained herein is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained by the use thereof, or that any such use will not infringe any patent. Before using, user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith.