

SynthoGlass® SPF

SynthoGlass® SPF is an aesthetically pleasing, non-yellowing, superior wrapping system that provides UV stabilization for pipe coatings, previous composite repairs or anywhere UV degradation is a concern.

SynthoGlass® SPF prevents future corrosion and abrasion due to mechanical impact, frost heave, crevice corrosion, galvanic corrosion, and vibration abrasion at soil to air interface, water to air interface and pipe support areas. It provides exceptional mechanical and impact protection and can be used underwater, underground, or on aboveground pipes and piles.



Applications

- Impact protection
- Emergency repair
- Corroded pipes
- Irregular pipe fittings
- Force mains and gravity lines
- Joint and tee repair
- Underwater repair and splash zone
- UF protection
- Mechanical / Abrasion protection

Features

- Quick and easy installation
- Excellent adhesion to many substrates
- Good chemical resistance range

Benefits

- SynthoGlass® is ready to use
- No mixing or mess
- No special tools needed
- Environmentally safe
- No VOCs
- Delivers simple, effective, durable repair/restoration

Material properties

AVERAGE TEMPERATURE	APPROXIMATE WORK TIME	RETURN TO SERVICE TIME
50°F (10°C)	360 minutes	24 hours
60°F (16°C)	220 minutes	8 hours
75°F (24°C)	120 minutes	2 to 3 hours
90°F (32°C)	60 minutes	1 to 2 hours

PROPERTY	TYPICAL TEST VALUE
Laminate Thickness	0.011 inch (0.23 mm)
Glass Transition (T _g) Temperature	180°F (82°C)
Hardness	70-80 Shore D
Short Beam Shear Strength	1,148 psi (79 bar)