

SEALBOND Nuvoxibond Gray G90

LAMINATING EPOXY FOR COMPOSITE FIBER



SEALBOND NUVOXIBOND Gray Laminating Epoxy for Composite Fiber is a two-component epoxy formulation primarily designed for structural retrofitting works particularly for cured in place application such as laminating composite E-Glass and Carbon Reinforcement Fabrics.

TYPICAL LIQUID PROPERTIES @ 25°C	
Color (Gardner)	Light Gray
Odor	Aromatic slight
Appearance	Straw
Flash point	150 °C
Pot-life	30-45 minutes
Full Cure @ 25°C (Admixture)	10-12 hours
Density lbs/gal @ (C) (admixture)	9.25
Viscosity @ 25°C	1,500 – 3,500 cps
% Solids	100
Bond Strength (ASTM C-39)	9,100 psi (63MPa)
Ratio by volume (A:B)	3:1 @ 25°C <i>May add resin base (Component-A) to extend curing depending on ambient temperature</i>

FEATURES & BENEFITS

- Superior chemical, corrosion and temperature resistance compared to conventional laminating epoxy resins
- Versatile curability, can add or decrease resin base (Component-A) to control curing time depending on ambient temperature
- With less than 0.003% volumetric shrinkage
- Will cure even underwater
- Environmentally responsible, contains no volatile organic compounds

USES

When applied on properly prepared substrates, Nuvoxibond is the ideal material for laminating E-Glass and Carbon Composite Fibers for the structural retrofitting / strengthening of Bridges, Building Slabs, Columns and Beams, Pier Concrete Piles, Airport Runways, etc.

PACKAGING

- 1 Gallon Set
- 5 Gallon/Pail Set

SHELF LIFE

12 months when stored in its original unopened containers @ 25°C.

NOTE: Properties reported in this bulletin are typical of those obtained in controlled laboratory tests and will vary in production conditions.