



TECHNICAL DATA SHEET

NON SAG EPOXY

PRODUCT DESCRIPTION

PIONEER NON-SAG MARINE EPOXY is a versatile thermosetting compound with a mastic, non-flowing consistency, making it very suitable for adhesive and sealant/gap filler applications in boat building. Its non-sag quality allows it to perform well on vertical or overhead applications with a maximum thickness of 1/2 inch.

TYPICAL USES

- Bonds** - Dry or damp surfaces of wood, metal, concrete, glass, fiberglass (FRP or GRP) and some plastics.
 - Attachment of metal fixtures, hull fittings and trims.
 - Mounting engine bolts and metal or concrete pipe joints.
- Seals** - Rough or imperfect grains of wooden hulls and structures.
 - Leaks on rigid pipe joints.
 - Encapsulates wood or metal structures to reinforce and protect them from elements of corrosion, deterioration and decay.
- Fills** - Dents or curves and punctured holes of metal structures such as cars, trucks, other vehicles or equipment.
 - Gaps, irregular surfaces of ferrocement or wooden boat hull structures.
 - Uneven pattern of fiberglass (FRP or GRP) or versatex or dynel
 - Sheathing of boat hulls prior to finishing or painting.
- Repairs** - Imperfect joints, cracks, rot areas or holes caused by sea borers or when wood replacement is necessary.
 - Masonry defects such as loose ceramic tiles, adobe stones, bricks,
 - Stones blocks in bathrooms: kitchen and façade.

TECHNICAL DATA

Color

Part A Yellowish Beige
Part B Beige

Solid Content

100%

Consistency

Thixotropic paste

Mixing Ratio

1 : 1 by volume

Potlife

38-70 mins

Shelf Life

2 years from filling date

Slump

nil (1/2")

Coverage per Gallon set

1/16" thickness	: 45 sq. ft.
1/8" thickness	: 23 sq. ft.
1/4" thickness	: 11 sq. ft.
1/2 " thickness	: 6 sq. ft.

Other data available upon request

INSTRUCTION FOR USE

Surface Preparation. Areas for application should be clean and free from dirt, grease or oil to achieve maximum adhesion. Oily surfaces should be washed with detergent to remove the oil and thoroughly flush with clean water. **PIONEER NON-SAG** will adhere to either damp or dry surfaces. Surfaces should be clean and ready before the adhesive is mixed.

Mixing. Mix equal parts by volume of components A and B. Better to use separate spatulas to avoid contamination. Blend well until color streaks disappear and uniform color is obtained. Prepare only sufficient amounts, just enough to be consumed within its potlife.

Method. Apply **PIONEER NON-SAG** by SPATULA or KNIFE. On its uncured state, scrape off excesses from edges or joints or immediately spread out the mixture on surfaces to be sealed, filled or patched.

Allow to set or harden within 4 hours prior to sanding or filing. Unnecessary rough handling should be avoided until full cure is achieved.

Cleaning. Use toluene, ketones or kerosene to clean tools or soiled hands before curing is complete.

Health and Safety Precautions

Avoid prolonged or repeated skin contact; wash thoroughly with soap and water. In case of eye contact, flush with clean water and get medical attention immediately.

PACKAGING

Pioneer Non-Sag is available in 1/4 pint, 1/2 pint, pint, quart, and gallon cans.