

SurePoxy 738



SurePoxy 738 is a two-component, 100% solids, metal-reinforced epoxy gel compound that may be used to repair virtually any metal surface that has been damaged, worn, or cracked. Once cured, SurePoxy 738 is readily machinable.

ADVANTAGES

- ✓ Excellent adhesion to metals
- ✓ Machinable
- ✓ May be drilled, tapped, or sanded
- ✓ Chemical resistance
- ✓ Solvent free
- ✓ No shrinkage

USES

- ✓ Worn or damaged shafts
- ✓ Worn Keyways
- ✓ Worn bearing plates
- ✓ Worn or corroded steel flanges
- ✓ Stripped threads
- ✓ Cold Bonding steel plate

PACKAGING

- ☉ 2.2 lb. unit (1 kg)
- ☉ 6.6 lb. unit (3 kg)

PHYSICAL PROPERTIES, NEAT @ 75°F:

COLOR	
Base	Dark Grey
Activator	Light Grey
Mixed	Medium Grey
Mixing Ratio By Weight	5:1
Mixing Ratio By Volume	3:1
Density, Mixed	2.46
Solids Content	100%
Sag Resistance	nil at 25 mm

MECHANICAL PROPERTIES

Tensile Shear (ASTM D-1002 on abrasive blasted mild steel with 75 micron profile.)	2,630 psi.
Pull-Off Adhesion (ASTM D-4541 on abrasive blasted mild steel with 75 micron profile.)	3,480 psi.
Compressive Strength (ASTM D-695)	15,300 psi.
Flexural Strength (ASTM D-790)	10,000 psi.