

STAR Technology

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ER4500

Two Part Brush-On Epoxy

DESCRIPTION

ER4500 is a two part epoxy designed for use as an electrical general purpose brush-on compound ideal for general maintenance. Material brushes on with ease and has a moderate room temperature cure in thin films. The cured material shows excellent resistance to a variety of chemicals including; water, alkali, hydrocarbons, glycol ethers, ketones, detergents, and chlorinated hydrocarbon solvents.

When mixed, ER4500 will require no baking to achieve the ultimate curing properties. ER4500 will cure tack free in 10– 12 hours.

BENEFITS

Available in Pre-measured kits
Excellent Chemical Resistance

Excellent Coverage

TYPICAL PROPERTIES (cured 7 Days at 75° F)

Pot Life [250 Gram Mass at 75°F] (minutes):

TEST METHOD

ASTM D2471

VALUE

60

Shore D Hardness:

ASTM D2240

80

T_g (° C):

ASTM D3418

105

Part A:

Specific Gravity (g/cc):

ASTM D1475

1.45

Viscosity (cps):

ASTM D2393

Thixotropic Paste

Color:

Natural

Part B:

Specific Gravity (g/cc):

ASTM D1475

1.31

Viscosity (cps):

ASTM D2393

Thixotropic Paste

Color:

Natural

Mixed Product:

Specific Gravity (g/cc):

ASTM D1475

1.45

Viscosity (cps) (20 rpm):

ASTM D2393

Thixotropic Paste

Color:

Natural

Mix Ratio:

By Weight:

1:1

Shelf Life (months):

12

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