



“Our strength is in our formulations”

TECHNICAL BULLETIN:

CLC 16-940 A / B

DESCRIPTION: A TWO COMPONENT, ROOM TEMPERATURE CURE, EPOXY CONCRETE PATCHING / REPAIR COMPOUND. THE PRODUCT HAS EXCELLENT APPLICATION PROPERTIES AND ABRASION RESISTANCE. THE CURED MATERIAL RESISTS MOST SOLVENTS AND CHEMICALS AND IS SUITABLE FOR INDUSTRIAL APPLICATIONS.

SALES SPECIFICATION:

PART A (RESIN)

PART B (HARDENER)

COLOUR:

TAN

AMBER

VISCOSITY (cps) (NOTE 1):

PASTE

400

SPECIFIC GRAVITY (gm/cm³):

1.80 – 2.0

0.95

SHELF LIFE:

6 MONTHS

6 MONTHS

HANDLING: (NOTES 1,2 & 5)

MIX RATIO BY WEIGHT (A : B)

100:10

MIXED VISCOSITY (cps):

PASTE

POT LIFE (200 gm mass):

2 Hrs.

GEL TIME (200 gm mass):

4 – 5 Hrs.

CURE SCHEDULE: (NOTE 3)

48 HRS @ 25⁰C OR 4 HRS @ 60⁰C

CURED PROPERTIES: (NOT INTENDED FOR PREPARATION OF SPECIFICATIONS)

COLOUR:

TAN

SPECIFIC GRAVITY (gm/cm³):

1.8

SHORE HARDNESS:

90D

LINEAR SHRINKAGE (in/in):

(ASTM D 2566)

0.003

SURFACE PREPARATION:

The application surface should be acid etched to remove all contaminants such as grease, dirt, dust and loose particles. Sand blasting will improve adhesion considerably. The surface must be rinsed clean and must be completely dry prior to applying this product.

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NOTES:

- 1) If a filled resin, settling may occur during transportation or storage. Fillers must be remixed before use.
- 2) The mix ratio must be within $\pm 2\%$ of the stated value and thorough mixing is required to avoid degraded properties.
- 3) Other cure schedules may yield satisfactory results however; these should be determined by the customer for his given application.
- 4) Unless otherwise specified, all measurements are taken at 22⁰C.
- 5) These products may trigger allergic reactions in some individuals. Prevent contact with skin; wash with plenty of soap and water if contact occurs and **Read the Material Safety Data Sheet** before using the materials. **Do Not Breathe Vapours** provide good ventilation and exercise good housekeeping at the work area.
- 6) If stated, the values under “**Electrical Characteristics**” may be based on supplier data for products with similar compositions. They are provided only as a guide and the recipient must test each material to determine its suitability for the intended application.
- 7) If indicated, the “**Guide to Operating Temperature**” is based on our experience with materials of similar chemistry and/or thermal index. The ultimate suitability of a product for a particular operating temperature is application dependent and **may change according to the demands placed upon it in service.**

IMPORTANT

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