

Product Description

Epoxy VIBRA-TITE 910 A&B is a fast setting, non-sagging, thixotropic, industrial grade epoxy adhesive. Used to bond metal, ceramic, wood and vertical surfaces where gap-filling is needed.

Features and Benefits

- Easy mix Ratio
- Excellent chemical resistance
- Cures without shrinking
- Non-sagging
- Produces strong, rigid bond on metal, ceramics, wood, concrete, glass, or combinations
- Casting can survive harsh chemical exposure

Properties of Uncured Material (resin)

| | |
|---------------------------|-------------------|
| Chemical Type | Epoxy |
| Appearance | Black |
| Specific Gravity | 1.1 to 1.3 |
| Toxicity | Low |
| Solids | 100% |
| Viscosity @ 25°C, cP | Thixotropic Paste |
| Flash Point (TCC), °C(°F) | >93(>200) |

Properties of Uncured Material (hardener)

| | |
|---------------------------|-------------------|
| Chemical Type | Mercaptan |
| Appearance | White |
| Specific Gravity | 1.0 to 1.2 |
| Toxicity | Low |
| Solids | 100% |
| Viscosity @ 25°C, cP | Thixotropic Paste |
| Flash Point (TCC), °C(°F) | >93(>200) |

Properties of Cured Material

| | |
|--------------------------------|-------------------|
| Vo. Mix Ratio, Resin: Hardener | 1 to 1 |
| Wt. Mix Ratio, Resin: Hardener | 100:92 |
| Viscosity @ 25°C, cP | Non-sagging paste |
| Work Time, 100g (25°C) | 3 mins |
| Tack Free Time (25°C) | 3 to 4 min. |
| Functional Cure (25°C) | 2 hrs. |
| Full cure (25 °C) | 12 hrs |
| Hardness @ 25°C, Shore D | 85 |

Performance Properties

(Substrates cured or 5 days @ 22°C)

| | |
|--------------------|----------------|
| Gel time | 2 to 6 minutes |
| Shore Hardness, D | 80 |
| Adhesive Lap Shear | |
| CRS | 1,600 psi |
| Aluminum | 1,200 psi |
| % Solids by Volume | 100% |

General Information

Storage

Product should be stored in cool, dry conditions. VIBRA-TITE 910 A&B when un-mixed has a shelf life of 12 months when stored at 25°C. Storage in cool, clean areas is recommended. Usable shelf life may vary depending on method of applications and storage conditions.

Note

The data are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is recommended that the product be tested in the application for which it is to be used.

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