Cured in Place Pipe Systems
Composite Polymer Design (CPD)

About us

CPD has been manufacturing epoxy resin systems for the use in Cured in Place Pipe applications for over 10 years. Endurance Technologies has been in the business of manufacturing specialty epoxy products for 25 years, first under the brand name Epoxical Inc. and now under several brand names including CPD.

This is a comprehensive list of our Cured in Place Pipe offerings. We specialize in private labeling these products for our customers in 5 gallon kits or larger for re-sale.

Endurance Technologies Three Uniques

1. We care about the Success of our Customers
2. Hands-on Customer Service and Technical Support
3. In-House Manufacturing

About Cured in Place Pipe

Cured in place pipe is a method for repairing lateral pipe lines from buildings to the street without tearing the entire pipeline out, which is why this method is considered a trench less or “no dig” technology. Typically, a resin saturated felt liner is inserted in the damaged area of the pipe, inverted using water or air pressure and cured, either at ambient temperatures or by adding hot steam to speed up the cure time. Our Epoxy CIPP products have distinct advantages for use in the field by plumbers and drain cleaning professionals.

Advantages of CPD CIPP Products:

- One Resin with hardener options at different speeds which makes field work simpler, just choose your hardener speed and go.
- No strong odor like styrene based CIPP products which means CPD CIPP products can be used for pipe rehabilitation while a building is still occupied.
- All products will cure without the addition of UV light or additional heat at standard below ground temperatures, however if a faster cure time is needed hot steam can be applied as well.

CIPP Repair Process

For more technical data visit epoxi.com
CIPP Systems

Cured-In-Place-Pipe Epoxy Resin Systems

4 to 1 mix ratio by volume

<table>
<thead>
<tr>
<th>Resin</th>
<th>Hardener</th>
<th>Mix Ratio (by Volume)</th>
<th>Gel Time (150 grams at 77°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPD 4210A</td>
<td>9302B</td>
<td>4 to 1</td>
<td>12-15 minutes</td>
</tr>
<tr>
<td></td>
<td>9303B</td>
<td>4 to 1</td>
<td>30-35 minutes</td>
</tr>
<tr>
<td></td>
<td>9308B</td>
<td>4 to 1</td>
<td>50-60 minutes</td>
</tr>
<tr>
<td></td>
<td>9306B</td>
<td>4 to 1</td>
<td>120-140 minutes</td>
</tr>
</tbody>
</table>

Advantages of working with CPD for your CIPP

Product Needs:

- Both 4 to 1 and 2 to 1 by volume mix ratio products so you can use or market a product with the easy to use mix ratio most familiar to you.

- As a specialty epoxy manufacturer we can provide unique products like our chemically-resistant CPD 4243B hardener that can be used in chemical pipeline applications that are exposed to sulfuric acid in addition to standard water & sewer pipelines.

- We provide design and private labeling services in-house so you can promote your brand while letting us manage technical compliance and manufacturing services.

Product Highlights: 4232B

CPD 4210A with 4232B is a chemically resistant product that can withstand exposure to sulfuric acid. It was developed for a customer who needed resistance to sulfuric acid and other chemicals that were compromising their piping. If you have a unique application in mind for cured-in-place piping we can work with you to provide a product that supports your individual needs.
Facility Services

CPD (Composite Polymer Design) has been providing epoxy resin systems that are used in Cured-In-Place Pipe applications. We in-house manufacture our products so we can keep up with your changing needs. You can expect that you will get not only an excellent epoxy system from us, but also excellent technical and customer service. This is a sampling of our most popular products for CIPP applications, if you do not see exactly what you are looking for please call us so we help you find something in our vast library of product formulas. You can trust us with our pipe repair products because we care about the success of our customers.

Private Labeling

At Endurance Technologies, we own and operate a quality engineered-label printer for in-house private labeling jobs for our customers. We have operated the printer within our facility since 2013 adding another piece of high quality equipment to our manufacturing facility. Our labels are water and weather proof with a high gloss laminate. We are capable of custom cutting labels to fit any type of packaging that is within our production limits. If interested in a quote, please send us your artwork to derek@epoxi.com for a proof.

Custom Formulations

Endurance Technologies specializes in Epoxy and Polyurethane formulations. We service many industries and are always willing to help our customers resolve technical problems they may be experiencing. In doing so, this enables us to gain a working knowledge of our customers process and over the years and gain their trust which in turn has helped our business grow with our loyal customer base.

Please take a moment and review our offerings and contact us with any questions you may have about how we can help you to solve problems you may be experiencing in your facility by utilizing our chemistry and technical experience.

Notes

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