

Carbolink's Solutions for Adhesives & Sealants

Polyseal P - 11



**Adhesives & Sealants Product
Specifications & Technical
Data Sheets(TDS)**

India's Most Preferred
Construction Chemical Manufacturing Brand



Carbolink India Pvt. Ltd.

WWW.CARBOLINKINDIA.COM



Carbolink India Pvt. Ltd. COMPANY PROFILE



For years, Carbolink India has been the Quality Leader in offering excellent Construction Chemical Products with Supreme Quality and Reliability.

Carbolink India Manufactures Industrial Flooring(Epoxy & PU Flooring), Decorative Flooring, 3D Flooring, Waterproofing Systems, corrosion protection, wood coatings, etc. which cater specifically to the Indian climate. With manufacturing facility in India, Carbolink India manufactures and supply Materials all through the country. Carbolink's commitment to customer service and technical support is the best. We work closely with architects, structural engineers, contractors and owners to best understand their requirements. Together we develop a best solution for a construction project, adding value and becoming more than just a materials supplier, but a solution provider.

With the support of our multinational manufacturing group, Carbolink India today has support centers across the country, strategically placed to provide consistent high standards of product and service.

Our Product Range:

- Anti Corrosive Coatings
- Car Park Flooring
- Curing Compounds
- Decorative Flooring
- Floor Hardner
- Grouts & Anchors



- Industrial Flooring
- Repairing Compunds
- Sealants
- Sports Flooring
- Tiling Products
- Wood Coatings



Adhesives & Sealants

The use of adhesives offers many advantages over binding techniques such as sewing, mechanical fastening, thermal bonding, etc. These include the ability to bind different materials together, to distribute stress more efficiently across the joint, the cost effectiveness of an easily mechanized process, an improvement in aesthetic design, and increased design flexibility. Adhesives are typically organized by the method of adhesion. These are then organized into reactive and non-reactive adhesives, which refers to whether the adhesive chemically reacts in order to harden. Alternatively they can be organized by whether the raw stock is of natural or synthetic origin, or by their starting physical phase.

Sealant is a substance used to block the passage of fluids through the surface or joints or openings in materials a type of mechanical seal. in building construction sealant is sometimes synonymous with caulking and also serve the purposes of blocking dust, sound and heat transmission. Sealants may be weak or strong, flexible or rigid, permanent or temporary. Sealants are not adhesives but some have adhesive qualities and are called adhesive-sealants or structural sealants.

Carbolink manufactures a full range of world class Adhesives & Sealants systems providing the most up-to-date technologies. Carbolink India is a leader in tailored Adhesives & Sealants Solutions.

Here is our Technical Description of CLI PolySeal P - 11 :





POLYSEAL P - 11

Two Component Primer For Polysulphide / Polyurethane Sealants

DESCRIPTION

PolySeal P - 11 is a two component epoxy system with adhesion promoting ingredients. The low viscosity primer facilitates proper bonding of sealants with concrete, steel surface, aluminium and glass.

ADVANTAGES

- Low viscosity and easy to apply
- High penetration to concrete surface
- High wetting property for non porous surface

APPLICATION

- Concrete joints
- Aluminium / steel to concrete gaps
- Glass -Aluminium cavity

APPLICATION METHODOLOGY

- Ensure that the surface is sound, free from dust, laitance and other contaminants.
- Ensure thorough surface preparation, preferably by mechanically scarifying, grit / sand blasting, and removing of all laitance, loose particles and contaminants.
- Remove oil / grease etc by using 60 grit sand paper and roughen the surface to a 3 - 4 mill profile. Mechanical method may also be followed.
- Add the entire contents of the Component B to Component A and mix thoroughly for 3 minutes using a slow speed drill (400 - 500 rpm) fitted with a suitable mixing paddle till homogeneous mix is achieved,
- Apply the mix onto the surface using a brush or roller.
- Allow it to dry for 30 minutes, when tacky, apply Sealant – Polysulphide or Polyurethane - on the primed surface.
- If the sealant is not applied on the primed surface (while primed surface is tack free), re-prime is mandatory before use the sealant.

CHARACTERSTICS

Colour

- | | |
|---------------|-------------|
| • Component A | Clear |
| • Component B | Light Brown |

Mixing Ratio	1:1
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Application Temperature, °C	10 - 50
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Theoretical Coverage, m²/L

- | | |
|-----------------------|----|
| • On Concrete Surface | 7 |
| • On Metal Surface | 10 |

Mixed Density, g/cc	0.94 ±0.0 2
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RH at Application Time	< 75%
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HEALTH & SAFETY

- Avoid swallowing and contact with skin / eyes. If swallowed, seek medical attention immediately. Do not induce vomiting.
- In the unlikely event of contact with skin, rinse with plenty of clean water and then cleanse with soap and water. Do not use solvent to clean the contacted area.
- Ensure adequate ventilation and avoid inhalation of vapours.
- Wear suitable protective clothing, gloves and eye protection during application.
- In the unlikely event of fire, use carbon-di-oxide or dry powder to extinguish fire.

PACKING

Available in 500 ml container consisting of component A 250 ml and component B 250 ml.

STORAGE AND SHELF LIFE

Keep in a cool and dry place under shed away from heat. The shelf life of product is 12 Months in original unopened sealed condition.

CONDITIONS OF SALE

Sold subject to the Company's conditions of sale which are available on request.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

**India's Most Trusted
Construction Chemical Manufacturing Brand**



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