

XCHEM

TECHNICAL DATA SHEET

FORTSOL PVC CEMENT

DESCRIPTION

Fortsol PVC Cement is a single component, solvent-based polyurethane, which attacks PVC to give a cemented strong bond.

KEY PROPERTIES

Fortsol PVC Cement has excellent permanent bonding and cementing properties to PVC rigid pipes and PVC shoe soles.

KEY APPLICATIONS

Fortsol PVC Cement is the ideal adhesive for bonding high pressure PVC pipes and shoe soles.

DIRECTIONS FOR USE

- Surfaces to be bonded must be sand-papered to achieve a rough surface.
- Fortsol PVC Cement is applied to both surfaces for excellent results.
- Pipe ends should be pushed and twisted whilst product is still wet.
- Allow product to fully cement the pipes before handling.
- The joined pipes can be put to service after 24 hours when optimum strength has been achieved.

TECHNICAL DATA

- **Colour** : Clear
- **Viscosity at 25°C** : 2.8 to 3.2pa.s
(Brookfield Viscometer)

The data and recommendations concerning this product are the result of extensive XCHEM laboratory testing and experience. As the use of the product is beyond our control, no warranty is expressed or implied and the customer should satisfy him/herself as to the suitability for this particular application.

- **Specific Gravity** : 1.1g/m³
- **Open Time** : 6 to 8mins
- **Solid Content** : 18.0% max
- **Tensile strength** : 200 to 300N/100mm²

STORAGE AND STABILITY

- Fortsol PVC Cement has a 6 months shelf life if kept at temperatures below 20°C, in its original packaging, tightly sealed.
- In extreme conditions this period may be shortened.

TOXICITY

Fortsol PVC Cement does not contain any hydrofuran solvent but is highly flammable.

SAFETY PRECAUTIONS

- Protective clothing/gloves should be worn when handling Fortsol PVC Cement.
- Ensure good ventilation or alternatively wear a protective mask.
- In case of skin contact immediately wash away using soap and warm water.
- In case of eye contact immediately rinse the affected eye(s) using clean water. **Immediately** contact a doctor.
- Keep away from children and in case of any ingestion, contact a doctor or health worker immediately.



Tel (012) 661 77 11
Fax (012) 661 77 22