

TECHNICAL DATA SHEET

PRODUCT:"BULLDOG" PVC- SOLVENT CEMENT HIGH PRESSURE CLEAR



PRODUCT DESCRIPTION

"Bulldog" PVC Solvent Cement-High Pressure is a medium bodied cement & is ideal for joining PVC pipes for cold water upto 50 mm dia and can withstand upto 28 bar pressure after full cure of 6 hrs.

COMPOSITION

Solution of PVC Resin in mixture of Solvents alongwith additives.

APPLICATION AREAS

This Solvent Cement is most commonly utilized in plumbing systems , where the PVC pipes need to withstand high pressure of cold water upto 28 bar.

DIRECTIONS FOR USE

Apply a thin coat to both pipe and fitting.Insert the pipe into the fitting and rotate the pipe in the fitting to spread cement evenly.The pipe and fitting will stick in a short time;however give at least 1 hours time before passing water and 6 hrs time before applying high pressure to it.

CLEANUP

Clean up with Acetone and Toulene.

DISCLAIMER

The information contained herein is given in good faith , based on our tests & knowldege of the product; as a guide . The responsibility is of the user to verify its usability for any application. The company ,The Standard Products Mfg. Co. Mumbai , disclaims all warranties expressed or implied and takes no responsibilities for any loss or damage arising from the use of its products.

RELEVANT STANDARDS

IS :14182:1994

Solvent Cement for Polyvinyl Chloride Plastic pipe and fittings.

For further information please contact:

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PROPERTIES OF THE UNCURED

MATERIAL (when manufactured)

Chemical Nature : Solution of PVC Resin in Solvents.

Appearance : Clear

Density : 0.88 - 0.90 g/ml

Viscosity : 9-11 sec in B6 Ford cup
100-110 mPa.s by Viscometer

Skin dry Time : 12-14 min

Full dry time : 20- 22 min

Shelf life : Best used within 2 year.

PROPERTIES OF THE CURED MATERIAL

Pressure test : No leakage in pipe joints at 15
(Hydrostatic Burst bar pressure after 1 hour curing.
Strength) & 28 bar after 2 hours curing

Lap shear strength 1.7 Mpa after 2 hours curing
(Minimum) 3.4 Mpa after 10 hours curing
6.2 Mpa after 72 hours curing

SAFETY INSTRUCTION

- 1.Keep away from children.
- 2.Aviold excessive contact with body. Clean with plenty of water in case of eye contact.
- 3.Cannot be ingested. Lethal if ingested.
- 4.Do not induce vomitting, in case of ingestion. Consult a physician immediately.
- 5.Contains solvents.Do not inhale or used in closed spaces.
- 6.Highly inflamable, keep away from heat & flame.