



PLASTO CEMENT PLUS HARDENER

**PVC & Polyurethane
Bonding Cement**

TECHNICAL DATA SHEET



DESCRIPTION

Plasto Cement is a two-part cold bonding PVC cement that is oil resistant and excellent for belt splicing of PVC and polyurethane belt fabrication, such as bonding V-guides, cleats, and edge walls. Plasto Cement is suitable for adhesion of PVC sheeting that is used in marine applications for the repair of PVC inflatable boats.

Plasto Cement can be used to bond PVC and soft durometer urethanes to metal or rubber. When bonding to metal, Chemvulc Metal Primer should be used. When bonding PVC to rubber, Plasto Cement should be used in conjunction with Chemvulc rubber bonding cements.

COVERAGE

Plasto Cement will cover approximately 3 square meters per 1 litre per single coat.

TEMPERATURE RANGE FOR APPLICATION

It is recommended to use Plasto Cement in temperatures between 10°C and 40°C. Temperatures below 10°C will dramatically increase drying time. High humidity above 50% will also greatly increase drying time. Plasto Cement cures to a usable state in 12 hours at 22°C.

WORKING TEMPERATURE RANGE

The working temperature range for Plasto Cement once it is cured is -25°C to 60°C.

SHELF LIFE

The shelf life of Plasto Cement is 2 years from the date of manufacture in the sealed container. All cements and solvents should be stored in a cool, dark and dry environment.



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Application Instruction Video

INSTRUCTIONS FOR USE

PREPERATION

Gloves, safety glasses and a charcoal filtered face mask should always be used. All repairs should be done in a clean, dry environment out of direct sunlight and where the repaired area will not be contaminated from foreign materials blown into it.

MIXING

Stir the contents within the can of Plasto Cement thoroughly before use. Add the hardener at a mixture ratio determined by the table below. Stir thoroughly to combine the two parts.

MIXING RATIO BY VOLUME	
PLASTO CEMENT	HARDENER
250 mL	10 mL
1 Litre	50 mL

APPLICATION

1. Establish where the leak is, if required, using a soapy solution such as a mix of washing up liquid and water, paint/ spray over the suspect area and mark where the escaping air produces bubbles.
2. Use a patch to cover the area, with an overlap of at least 2cm away from the leak, place the patch in position and mark around it with a pencil or similar.
3. Carefully clean both surfaces repair area and patch with a solvent such as acetone or methyl ethyl ketone (MEK) to remove any contaminants and moisture and allow to flash off,
- **DO NOT USE TURPS OR ANY MINERAL OIL BASED SUBSTANCES**
4. Sand / texture both the repair area and the patch with a new piece of 60 grit paper, wheel or similiar. *If using a buffing tool max 5000rpm.* Brush off dust.
5. Tape around repair with masking tape to avoid mess.
6. Apply the first thin layer of the adhesive mixture (adhesive and hardener stirred thoroughly) using the brush provided on both the patch and the repair area and allow to dry completely, approx 15 - 20 minutes.
- **NEVER USE A HEAT GUN OR SIMILAR TO SPEED UP THE DRYING TIME.**
7. Apply the second thin layer of the adhesive on both surfaces and allow to dry for 5 - 8 minutes or until it feels slightly tacky which ever comes first. If the second coat becomes completely dry repeat step 7.
8. Contact both surfaces together and press firmly making sure to work out any trapped air bubbles that may be present.
9. In cases of larger repair areas where the second adhesive layer has dried utilize a heat gun to reactivate surface tackiness.
10. Leave the repair without moving it for 2 hours to dry.
11. After 12 hours the repaired area will be suitable for use.

FOR HAZARD AND SAFETY INFORMATION PLEASE REFER TO PLASTO CEMENT SAFETY DATA SHEET



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