

# TarPlastic® AL

Pigmented Cold Applied Bituminous Caulking Compound



STP Limited

## Description

TarPlastic® AL is a cold applied, single component silver coloured bituminous caulking compound available in the form of putty which forms a smooth and homogeneous paste for sealing of porous concrete, masonry floors, wall, roof and vertical joints between plates, folded sections, wooden joints etc.

## Approvals/Standard

IS: 1580:1989

## Product Information

<b>Form, Colour</b>	Silver, solid putty
<b>Handling &amp; Storage</b>	The material must be stored in a shaded area with minimum exposure to sunlight and UV. The containers should be protected from all sources of heat, ignition & extreme cold
<b>Packaging</b>	Available in 1 kg, 4 kg, 20 kg and 200 kg container.
<b>Shelf Life</b>	12 months when stored in unopened sealed conditions away from heat and sunlight.
<b>Handling Precautions</b>	As with all chemical products, care should be taken during use and storage to avoid contact with eyes mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use.

## Technical Characteristics @ 50% RH

Consistency, dmm • Before setting (test after 1 hr) • After setting (test after 24 hr)	100-110 80-95	Bend test	No crack or flaking
		Density, gm/cc	1.30±0.05
		Ash content, % weight	33-38
Flash Point, °C	50-55	Heat test @ 60°C, mm	3-5
Water content, % by mass	0.2-0.5	Chemical resistance	Resistant to dilute acid /alkalis

## Application

- Stopping leaks and water proofing of porous masonry and cracked concrete.
- It serves as a caulking agent for crevices for virtual joints between steel plates, folded sections, wooden joints, precast concrete, cladding, block, etc.
- Protection of cooling towers and other installations where they require protection from water.

## Advantages

- Cold applied and ready to use. Does not require specialized handling for application.
- It is ideal for use in situation where expansion, contraction and vibration are expected, like around “J” Hooks used for fixing Asbestos / GI sheets.
- Does not creep or flow when applied on vertical or sloping surfaces.

## Application Information

- ✓ **Substrate Moisture Content-** < 5%

## Application Methodology

- In case of GI / Asbestos roof sheets, apply TarPlastic® AL into the overlapping joints with knife and spatula after cleaning rusted joints and applying a coat of ShaliTex® Primer.
- To fix “J” Hooks for Asbestos or other roofing sheets, top of the holding bolts should be covered with TarPlastic® AL and a limpet washer fixed as cover.
- Locate the cracks and then widen them to a V section, about 25 mm deep.
- Brush out the loose particles from the crack and dust it clean.
- Paint the cracks lightly with ShaliTex® Primer and allow it to touch dry.
- Press TarPlastic® AL into the painted crack by hand or with a trowel and finish overlapping the crack by at least 25 mm on either side.

## Precautions

TarPlastic® AL should be applied at temperature not less than 27° C.

## Value base of product data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control and different test methods.

## Health and Safety information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent **Material Safety Data Sheet**.

- Avoid contact with skin/eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.



**STP Limited**  
*Enhancing Structures' Life*

### Product Range

- Waterproofing & Insulation    ■ Road Surfacing
- Sealants & Adhesives    ■ Pipeline Coatings
- Protective/Anti-Corrosion Coatings    ■ Epoxy and Flooring
- Grouts and Admixtures (GARA)
- RestoFix - Repair/Rehabilitation    ■ Other Construction Chemicals



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