

# ShaliBond® APP

Synthetic Adhesive for APP Membrane with Release Film



## Description

**ShaliBond® APP** is synthetic rubberized adhesive for fixing APP membrane, thus making it a **virtual self-adhesive**. It has superior bond and high flexibility to accommodate natural expansion and contraction.

## Product Information

<b>Form, Colour,</b>	Black thixotropic liquid.
<b>Handling &amp; Storage</b>	Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.
<b>Packaging</b>	Available in 20 kg & 200 kg drums.
<b>Shelf Life</b>	12 Months from the date of manufacture when maintain in protected storage in original unopened sealed condition at 5 - 38°C.
<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 @ 27°C, 55% RH

Lap Shear Strength (membrane to membrane), 7 days, MPa	> 3	Theoretical coverage rate, kg / m <sup>2</sup> *	0.3 - 0.40
Touch drying time, minutes	5 - 15	Bond strength with concrete after 7 days	Membrane failure but no bonding failure
Flash Point, °C	> 23	Density, gm / cc	1.0 ± 0.05
Solid content, % by weight	> 55	Viscosity, cps	1000 - 3000

\* Depending upon surface condition, porosity.

## Field of Application

- **ShaliBond® APP** is used as bonding adhesive to affix bituminous membrane with release film.
- **ShaliBond® APP** is suitable and convenient for application
  - On corrugated asbestos / metallic sheet.
  - Areas where torching / heating is prohibited / uneconomical.

## Advantages

- Easy to apply by brush / spray.
- Cold applied adhesive for bituminous membrane. No torching / heating required.
- Bonds **TarFelt® APP** over concrete, metal or existing bituminous membrane.
- Seal pores on concrete surfaces.
- Facilitates application of **TarFelt® APP** in areas where torching / heating is prohibited, in smaller areas where torching is difficult, uneconomical, inconvenient or hazardous.

## Application Methodology

- **Surface Preparation**
  - Remove dust, flakes, oil, grease or other foreign particles by jet or dry air and clean the surface smooth before applying **ShaliBond® APP**.
- **Material Preparation**
  - Stir **ShaliBond® APP** thoroughly before use.
- **Application of Material**
  - Apply **ShaliBond APP** uniformly both on the substrate and **TarFelt® APP** membrane (after removing the release film) by trowel / brush and allow the adhesive to touch dry but highly tacky.

- Allow solvent to evaporate and fix up **TarFelt® APP**, while **ShaliBond® APP** is still tacky, by applying pressure uniformly.
- Apply the material within the temperature range of 10 - 40 °C.
- Ensure 100 mm overlap for membrane-to-membrane lap joint.
- Allow 3 - 4 days for full dry.

### 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 eyes and skin.
- Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Ensure that there is adequate ventilation in the area where the product is being applied.
- Do not breathe in vapour or spray mist.
- This product is flammable.
- Keep away from sources of ignition.
- In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact, wash with soap and plenty of water. Get medical attention if irritation develops or persists.

### Cleaning & Maintenance

Clean all tools immediately after use with STP Thinner after use.



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- Sealants and Additives ■ Pipeline Coating
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**Advisory Cell: +91 81302 81114**