

ShaliBond[®] APP

Synthetic Adhesive for APP Membrane With Release Film



STP Limited

Description

ShaliBond[®] APP is synthetic rubberized adhesive for fixing APP membrane, thus making it a *virtual self adhesive*.

ShaliBond[®] APP has superior bond and high flexibility to accommodate natural expansion and contraction.

Characteristics

Color	Viscous black	Specific Gravity @ 27 °C	1.0 ± 0.05
Lap Shear Strength (membrane to membrane) after 7 days	> 3 Mpa	Theoretical coverage rate m ² / kg*	3
Drying time @ 27 °C, 55% RH, minute	5 - 15	Bond strength with concrete after 7 days	Membrane failure but no bonding failure
Flash Point, °C	> 23	Application Temperature, °C	10 - 45
Solid content, %	Min 55 %	Viscosity @ 27 °C	1000 – 3000 Cps

* Depending upon surface condition.

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** on the substrate by trowel or brush.
- Allow solvent to evaporate and fix up TarFelt APP, while **ShaliBond[®] APP** is still tacky, by applying pressure uniformly.
- Ensure 100 mm overlap for membrane to membrane lap joint.
- Allow 3-4 days for full dry.

Cleaning

Clean all tools immediately with STP cleaner after use.

Health & Safety

- Avoid contact with skin / eyes, and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- Wear suitable protective clothing, gloves and eye protection
- In case of contact with skin, 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 immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting

Packing

Available in 20 kgs and 200 kgs drums.

Storage

Keep in cool and dry place, under shed, away from heat.

Shelf Life

12 months in original unopened sealed condition.



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