

ShaliBond[®] APP

Adhesive for Bituminous Waterproofing Membrane



STP Limited

Description

ShaliBond[®] APP is pressure applied, synthetic rubberized adhesive with bonding strength designed specifically for cold application of modified bitumen membranes. **ShaliBond[®] APP** has superior bonding strength and high flexibility to accommodate temperature related expansion and contraction. **ShaliBond[®] APP** may be used to fix TarFelt APP / SuperThermoLay over existing bituminous membrane.

Characteristics

Color	Viscous black	Specific Gravity @ 27 °C	0.97 ± 0.01
Lap Shear Strength (membrane to membrane) after 7 days	> 3 Mpa	Theoretical coverage rate (for both adhering substrates), m ² /L *	2
Drying time @ 27 °C, 55% RH, minute	5 - 10	Bond strength with concrete after 7 days	Membrane failure but no bonding failure
Flash Point, °C	> 23	Application Temperature, °C	10 - 45
Solid content, %	60 ± 1	Viscosity @ 27 °C	5000 – 5500 Cps

* Depending upon surface condition.

Application

- **ShaliBond[®] APP** is used to fix TarFelt APP / SuperThermoLay / any other bituminous waterproofing membrane on any substrate including over existing bituminous waterproofing membrane.

Advantages

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

Application Methodology

- Remove dust, flakes, oil, grease or other foreign particles by jet or dry air and clean the surface smooth before applying **ShaliBond[®] APP**.
- Stir **ShaliBond[®] APP** thoroughly before use. Use STP Thinner, if required, for viscosity adjustment.
- Apply **ShaliBond[®] APP** on both the surface by trowel or brush.
- Allow for solvent to evaporate and then bond two sides having **ShaliBond[®] APP** by applying pressure on it.
- For membrane to membrane lap joint area, one membrane has to be rubbed by wire brush before applying the adhesive for better adhesion.
- Allow 3-4 days for full dry.

Cleaning

Clean all tools immediately with STP cleaner after use.

Health & Safety

- Inflammable and non-toxic.
- Use goggles and hand gloves during application.
- Clean hands with water after application.
- If swallowed seek medical attention immediately – **Do not** induce vomiting.

Packing

Available in 20 L and 200 L 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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