METHOD STATEMENT

iSHIELD 500PP

POLY PROPYLENE FLEECE SURFACED ASPHALTIC PROTECTION BOARD

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Method Statement	
iShield 500PP	Doc ref: MS iShield

SECTION I: Tools & General Instructions

A. Tools & Equipment

i. PPE: Fire resistant gloves, safety glasses, overalls.
ii. Wooden press
iii. Steel scrapper
iv. Cotton waste
v. Solvent cleaner
vi. Measuring tape
vii. Cutting knife, scissors

B. Material Storage

i. iShield protection boards should always be kept on pallets and stored in a dry and shaded place.
ii. Avoid stacking of the pallets to avoid causing damage to the boards

C. General

i. The application should be carried out when the ambient temperature is between 10°C to +45°C.
ii. Avoid application in extreme weather conditions like dust storm, rain, or snow.

SECTION II: Protection of Membranes

All waterproofed areas shall be suitably protected from damage from external mechanical forces like steel reinforcements and sharp aggregates due to the ongoing site activities or during backfilling.

iShield 500PP protection boards can be fixed by the following methods:

i. **iStik TS:** Double sided adhesive bitumen tape
ii. **iBond N20:** Synthetic rubber-based contact adhesive

Fixing by iStik TS:

Cut out 10-15 cm long strips from the roll. Peel off the release film from one side of the twin strip and spot bond it to the protection board at various places.

Apply the cut-out strips on all the corners and the centre of the board.

The silicone film from the top side of the twin strip shall be peeled off and then the board will be laid on top of the waterproofing membrane. A firm pressure shall be applied to ensure complete adhesion of the board onto the membrane.

Fixing by iBond N20:

Apply the iBond N20 (contact adhesive) on all the edges and center of the board. Allow the adhesive to become tacky. Press the Protection board onto the waterproofing membranes surface. Supports/props can be used to keep the boards in place till the adhesive is strong enough to hold the board.

Cleaning

Clean all tools with a suitable cleaning solution immediately after use

Repair of Damages

Damages on the protection board caused by onsite activities shall be carried by the following method.

1. Cut out the damaged portion of the board in a square pattern.
2. Measure out the area and cut a new piece of the board and fix on the damaged area using either the double sided adhesive tape or contact adhesive