

# INSTALLATION PLAN



## Product Names: Flexi Guard™

This document describes the installation plan of the entire waterproofing membrane system using all of the SBH seal products.

### Pre installation inspection

Application of SBH seal waterproof membrane over a roof substrate shall begin with a pre-inspection of the roof per the manufacturer's pre-inspection worksheet (see attachments below).

### Surface preparation

Area to receive the membrane shall be cleaned and free of debris. All roof substrates should be structurally sound and all rotted or deteriorated substrates that exist must be removed and replaced per such material specifications. All work to be done per local building codes and performed by a licensed contractor. Open any areas saturated to ensure any substrates underneath the existing roof system are dry and no wetness or saturation exists which will cause blisters in the SBH Seal membrane. Ambient humidity shall not be greater than 60%.

All substrates should be structurally sound and the following preparations should be done as required before applying SBH materials:

- Wood: All rotted or deteriorated wood should be removed and/or repaired.
- Concrete (including roof tiles): Remove and/or repair any loose or spalled concrete. Seal and repair all cracks which are a minimum of 1/8 of an inch wide.
- Rolled Membrane / EPDM / Built-up Roofs: Roof membranes should be secured to the roof. Reinforce all open seams with SBH approved mesh and seal with Perma Proof.
- Foam Roof: Repair all cracks, gouges, or punctures with a sealant compatible with the foam roof system.
- Tar and Gravel roof: If bare areas exist on the roof, repair any cracks or seams as required and recover with similar gravel.
- Metal: Replace and or repair any deteriorated metal panels. All panels should be secured to the roof. Perform adhesion test to determine if primer is required. Please contact the manufacturer for adhesion test details and primer recommendations. (Note, SBH only warrants the installation over metal substrates if approved by SBH corporate representative prior to installation.)

## System Installation

Application of the SBH Seal waterproof membrane shall be per SBH Seal specification found at [sbhseal.com](http://sbhseal.com). Application shall include, but not limited to, mix material with mixer, excluding the SBH 100 which is mixed during the application process. Apply Perma Proof or Dura Guard on perimeter / parapet walls, and around penetrations using SBH approved mesh.



Apply SBH Perman Proof through the entire roof surface. Build membrane to final thickness 60mm Using Perma Proof or Dura guard. Membrane to be built in layers no greater than 30 mm. Allow for 24 hours of curing prior to installation of final coats.



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Install Eco Bright white topcoat after 24 hours of curing of the final coat. Clean all tools and surfaces with paint solvent. Leave the work area in a neat, clean condition without evidence of spillovers onto adjacent areas.



## Final Inspection and warranty

After completing the installation of the waterproofing. Perform an inspection using the final inspection checklist (see attachments below). All materials should be installed in accordance to the technical Specifications and warranty contract requirements in order to qualify for either material or product installation cost. Note: SBH only Warranties Its own products and not the substrates or any other existing

components of the structures of where our products may be installed. Please visit our website for further details at [www.sbhseal.com](http://www.sbhseal.com)