

## **Black streaks on roof**

We have found that it is the waterproofing spray that is applied to the cut edges of the wood used for decking that causes this issue. For some reason, this spray interacts with the membrane occasionally causing the roof membrane to grow/attract mildew in the areas where that spray is underneath the membrane, this is why you only see the lines where the seams of the decking meet underneath.

Upon inspection we've found that the underside of the membrane is still completely white – it just somehow causes a reaction with the membrane and the elements to cause a lot of mildew to grow in on the surface of the membrane in those areas. We've also tested pieces of membrane that this has happened to and found that the membrane is not compromised, so this is just a cosmetic issue and will not affect the ability of the membrane to keep water out and perform as intended. With a lot of experimentation we have figured out a cleaning method that will clean most, if not all, of the stains off of the roof –

Materials required – soft brass bristle brush, bleach, clean rag, hose or power washer

- 1) Brush on bleach 3-5 mils with small paint brush to affected areas.
- 2) Let bleach sit for 10 minutes.
- 3) Take soft brass bristle brush and scrub vigorously to clean stained areas.
- 4) To achieve maximum effect; wipe scrubbed area with clean rag, then hose/power wash the same area to rinse remaining residue.
- 5) The cleaning procedure is now complete.

Since this has been determined to be a cosmetic issue with the membrane this is not something that would be covered under the warranty.