

Sky  ye plus
Aerial video - stills & more

Warehouse B
Faults listing with
supporting
photography

Roof B Faults

Pages 5,6, 16, 30 and 31 shows the join of Roof B with the new roof where the joint has been professionally carried out. The potential problem with this joint comes from roof B. As and when the asbestos roof starts cracking along this edge it will be problematic to repair. From pages 17,19 and the close-up shot 18 it can be seen that a long strip patch along with four other patches have already been applied. Having cracks and repairs running along this new roof joint will make this joint a long-term problem. Page 20, and its close up 21, shows a large patch close to the new roof joint however the close up shots shows this is a repair to cover up a removed ventilation pipe. Delamination is widespread across all of the roofs which needs to be encapsulated as soon as possible.

Cont...

Roof B Faults cont...

Pages 7, 8, 9, 13, 15 & 16 are representational of the whole of roof B and from these shots it can be seen that there is widespread delamination in the roof valley bottoms. They also indicate the condition of the roof-lights which over time become very brittle due to UV light. The vast majority of them are extensively covered with lichen.

Pages 10, 11, 12, 14, 17, 24, 26 & 27 and the close-up 18 shows a number of patches in the valley bottom. This is a clear indication that the delamination is at the porous brittle stage causing leaks that need to be patched. A patch is not a long-term solution because the sealants eventual breakdown and water gets under the patch and eventually starts to leak again.

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Roof B Faults cont...

Page 27 shows a close up of delamination in the valley bottom. What can be seen from this photo is how white the delamination areas look. This is due to the fact once delamination starts it is a continuous process which involves the breaking away of the outer layer. This process is so rapid that it gives no time for lichen to establish itself hence the white clean look which is a consequence of being lichen free.

Page 22 - Delamination is usually confined to the valley bottoms where the roof is exposed to greater wear however, from page 22 it can be seen that the roof ridge has also got widespread delamination. Page 23 is a close-up of a roof patch on the ridge which demonstrates the porous and weakened nature of the roof ridge.

Page 28 and its close up 29 shows roof ventilation fittings and the patching of a decommissioned fitting. Over a period of time the sealants used on these fitting will fail and leak. Roof encapsulation solves this problem.





















































