

WHAT YOU SHOULD EXPECT FROM A ROOF SURVEY

A THOROUGH APPROACH

If your flat roof is nearing the end of its life or is showing signs of wear and tear, then it's time to consider its future. It may be possible to overlay the existing membrane for a cost-effective and more sustainable option. It's vital to engage a reputable manufacturer who should conduct a thorough site survey to ensure that you receive the best possible solution.



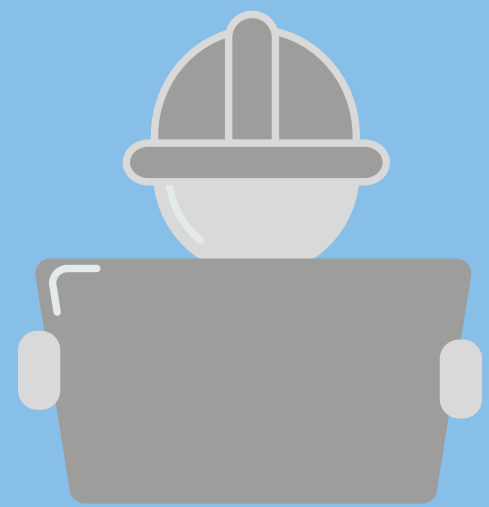
VISUAL SURVEY

- Understanding the use of the building
- Assessing areas for leaks, water ingress and evidence of condensation
- Evidence of splits, holes, open seams and laps, delamination or blisters
- Roof details and penetrations: Complex areas are at highest risk of failure with multiple seams, overlaps, penetrations and plant equipment
- Signs of failure must be investigated

UNDERSTAND THE ROOF CONSTRUCTION

INSPECTION OF ROOF DRAWINGS

- Used to understand the roof build-up
- Can help to determine the condensation risks
- Can help identify the requirement to thermally improve the roof, as well as defects and design issues



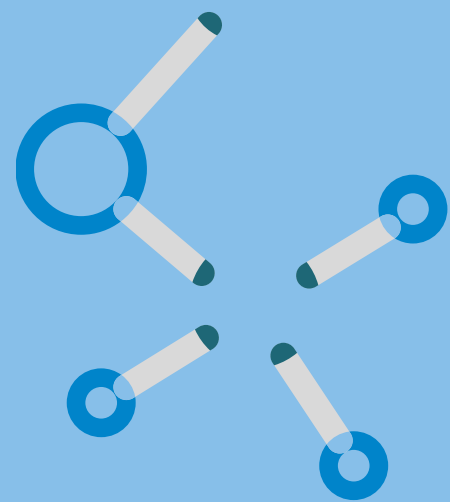
CORE SAMPLING

- Drilling out a core of the roof to the depth of the underlying structure of the roof
- Helps to confirm existing roof build-up and condition
- Helps to determine condensation risk and uncover underlying, unseen issues

ASSESS PLASTICISER MIGRATION RISK

PVC SINGLE PLY ROOF

- Risk of chemicals from existing PVC layer migrating into the new membrane
- Can cause the original PVC to change its properties becoming brittle and present a risk of failure
- Although rare, testing determines the extent of associated risk and helps to provide a suitable solution



PEEL ADHESION TESTS

BOND STRENGTH

- Samples of proposed waterproofing system is applied to roof area to test for preparation, or pre-treatment requirements as well as bond strength
- Checks for compatibility between existing roof and new overlay system
- Ensures resistance to wind lift and movement

REPORT AND RECOMMENDATIONS

SPECIFICATION

- A comprehensive recommendation and specification for your roof overlay system
- A bespoke solution based on results from roof survey

