

PROJECT CASE STUDY WAITROSE - AYLESFORD

PROJECT BACKGROUND

During Storm Eunice in February 2022, the roof on this large distribution centre suffered extensive damage. Approximately one third of the roof was affected, the waterproofing and insulation had lifted and the perimeter structural wall failed. The client asked RTL Group to investigate the cause of the failure and to carry out a full survey of the roof.



PROJECT CHALLENGES

This distribution centre operates 24 hours a day, 7 days a week so this project had to be completed without impacting on the day to day operations of the site. We also needed to maintain the integrity of the roof during the works to prevent any water ingress and damage to stock held within the building. Health & Safety on the site was paramount due to the movement of people and vehicles within the area.



PROJECT OVERVIEW

Before the project started we worked with the clients structural engineer to design a solution for the parapet wall which included installing secondary structural supports. Wind uplift calculations were carried out for the roof to ensure it can withstand extremes of weather. We removed the damaged waterproofing and insulation, carried out the required structural repairs, supplied and installed new insulation and Icopal Monarplan waterproofing system. Alongside this we installed new safety access equipment, upgraded the external lighting and CCTV.



THE PROJECT IN NUMBERS

**ROOF SIZE:
11,500 SQ/M**

**TIMELINE:
PROJECT WAS
COMPLETED IN 14
WEEKS**

**CONTRACT VALUE:
£1.2M**



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