

AS Colour Limited

AS COLOUR HEAD OFFICE FACILITY

Project Profile



Image courtesy of Williams Architects

PROJECT SUMMARY

State of the art warehouse and head office facility for AS Colour Ltd.

The project consists of a new warehouse covering 6,000m² to house high racked storage and bespoke automated storage and retrieval system to optimise operational efficiency. A two storey office shall adjoin the warehouse covering 1,100m².

The fire design is performance-based and was developed in accordance with the C/VM2. This approach enabled fire separations internally to be removed and open-interconnection between office levels. regulatory stakeholder consultation was important in reaching a successful outcome with the Approving Authority, Fire Service and regulatory Peer Reviewer on the fire design approach and solution.

The building is fully sprinklered and utilises the latest technological advancements in fire suppression systems design for high fire load storage risks, enabling an apex height of 17.5m, compared with the traditional limitation of 13.7m for type of commodities stored, increasing storage volume without in-rack sprinklers throughout.

CROSSFIRE VALUE TO PROJECT

Maximised storage throughout warehouse

Open-spatial planning between office levels

Reduced construction cost – removal of internal fire separations between office and warehouse.

Robust regulatory stakeholder consultation resulting in efficient Building Consent approvals.

Client

AS Colour Ltd

Location

Westgate, Auckland

Sector

Commercial
Industrial

Services

Fire Engineering