

# VERMICULITE FIRE SPRAY & FIRE SEALS

Storage King, Minchinbury

**SECTOR:**

Industrial (Warehouse)

**PROJECT COMPLETION:**

October 2020

**ADDRESS:**

John Hines Ave, Mt Druitt

**CLIENT:**

Xenia Constructions (NSW)

**VALUE:**

\$127,000

**PROJECT OVERVIEW:**

A multi-storey, steel framed Storage King warehouse was constructed in Minchinbury. Bowers was required to fire rate the structural steel throughout the warehouse.

**SERVICES OFFERED:**

Scope of works included application of vermiculite fire spray to structural steel columns to provide a 4 hour fire rating (240/-/- FRL) and fire seals to various service penetrations to provide a 4 hour fire rating (-/240/240 FRL).

**PROJECT CHALLENGES:**

63 structural steel columns required fire rating to ensure the structural stability of the facility in the event of a fire. The columns ranged in height from 6.6m to 8.9m. Furthermore, full height access was required to ensure the columns could be correctly fire rated.

**SOLUTIONS OFFERED:**

The application of vermiculite fire spray is a specialised process requiring Bowers' highly trained experts. Our team ensured the correct coverage of vermiculite fire spray was applied to all areas of the steel. Due to the height of the columns, specialised height access was required and Bowers' employees are fully trained and licenced to use elevated work platforms.

**OVERALL OUTCOME:**

All works were completed on time and in budget with the construction manager very satisfied with the final outcome.





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