

# Stockpile Hopper Reline

## Project Details

**Client:** Fortescue Metals Group  
**Location:** Cloudbreak  
**Details:** Stockpile Hopper Reline  
**Man Hours:** 5,000

Warrikal were engaged by FMG to provide a cost effective solution to reline two mine critical stock pile apron feeder bins at their Cloudbreak mining facility. These stock piles are the main artery to feed their train loadout, key issues presented were to design an effective solution involving fast installation and easy ongoing maintenance.

Historically these relines would take significant resources up to 14 days to complete, these factors resulted in the main driver for Warrikal being to reduce the duration of installation, whilst also engineering a solution that removed any unnecessary safety exposures, including manual handling of liners, significant scaffolding and working at heights.

Warrikal scheduled these works to be completed in 9 days and successfully executed the reline of the two bins within 7. The entire scope starting with design, steel fabrication and site installation was completed in-house as part of Warrikal's complete engineering solution.

Approximately 170 tonnes of steel work was used for the entire scope, with works being scheduled as a high priority with assistance from our Henderson fabrication facility, fabrication works were completed in 16 days from project award.

Another successfully executed project by the entire Warrikal team.

