

# LESSONS LEARNED



Incident ID	AU.NSWRM.ACTUAL.251121.00170568	Incident Date	26 November 2021
Incident Circumstance	Fall of Aluminium Flashing Panel	Workplace Activity	Fixing/fixture
Operation	NSW-Reputational Maintenance	Issued By	Ian Sheils

## Description of Incident

A loose aluminium flashing panel approximately 2m in length fell during a wind event from the level 9 balcony of a Darling Square Quarter apartment building (Arena) at 908/88 Hay Street. The aluminium flashing landed within a public area. The exact cause of the fall of the flashing has not been determined but it was either not fitted correctly at the installation phase or was dislodged due to a rope access technician standing on it during earlier building maintenance works. There were no injuries and at the time of reporting, Lendlease are not aware of any members of the public that were in the area at the time of the event.



Photo: fallen Façade flashing

## Key Learnings

1. A mechanical fixing to be added in addition to the original 'clip-in' design of the flashing.
2. At the design stage, the Façade cleaning, maintenance, and access strategy must consider locations where loads will be applied.
3. A working live load of 1.1kN is required to minimise the risk of the extrusions dislodging due to a rope access technician standing on it and to accommodate live loads in accordance with AS 1170.1
4. Project teams must review and monitor the implementation of the [CiDD Alert for 'Wind effects on Building and Infrastructure Elements](#).

## GMR Reference and other Lendlease references

4.2 - Fall of Material/Object

4.17 - Failure of fixtures or fittings

CiDD Alert for Wind Effects on Building and Infrastructure Elements (Within the [CiDD 'The Book'](#))