



# Epoxy Putty Case Study

## Classical Composite Order Column Restoration

Damaged classical composite order columns are restored to their original highly detailed state during the renovation of a neoclassical 1920s building



*The facade was an untidy mess of different coloured paints, broken windows and damaged concrete*



*Each damaged column top - known as a capital - was thoroughly cleaned before undergoing repair*



*AB Original was carved to replace missing details before the entire facade was painted white*



*The renovation left the outside of the building looking almost identical to its 1920s heyday*

### Defect

The building opened as a cinema in 1921. It went through multiple uses from 2000 until 2022, including a snooker hall, martial arts centre and karaoke bar.

Uncertainty over what to do with the inside was reflected in a lack of care for the outside. The facade became an untidy mess of different coloured paints peeling off, damaged concrete and broken windows.

A project was launched to renovate the building for community use. This included restoring the facade as close to its original 1920s state as possible.

The most challenging part was the repair of four concrete composite order columns which had seen most of their intricate carved detail crumble away.

### Solution

With its super strength, long work time and ability to hold shape, **Sylmasta AB Original Epoxy Putty** was the ideal material to restore the columns.

The columns were cleaned and the putty mixed. The installers had two hours to carve it into composite order style and apply it to the column before it cured.

Each sculpted piece adhered directly to the concrete, forming a permanent bond. All four columns were repaired in this way and the facade painted white.

### Result

AB Original was so effective at replacing the missing details that it left no trace a significant rebuild of the columns had taken place.

The building now serves the local community, looking almost identical from the outside as it did when first opened as a cinema a century ago.