



**STEPS PRIMARY SCHOOL EXTRACTION, VOID INFILL AND INSTALL NEW DRAINAGE SYSTEM**



Over 100m<sup>3</sup> of LECA LWA (10-20mm) was recently specified for the reparation of the underground piping system at Steps Primary School in Glasgow, where there was a serious issue with the existing water piping

system, resulting in water leakage under the floor of the school - creating serious risk for the flooring of the school which over a prolonged period of time would create serious ground work issues.

For this project, the Main Contractor, Luddon Construction Ltd proposed to extract the existing underground piping system and to install a new hanging new piping system underneath the existing piling flooring system. The designers planned to incorporate LECA LWA to fill the void underneath and cover the new piping system - providing the sufficient structural stability required whilst providing an effective water management system if faced with future water leakages.

LECA LWA could provide the structural robust strength required for the void fill whilst offering the properties to be able to effectively manage water drainage through its effective water retention properties, a fact which is evidential through the use of LECA LWA to be used for flood prevention.

## FACTS

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**Amount of material:** 100m<sup>3</sup> of [LECA® LWA \(10-20mm\)](#)

**Interesting Fact:** This is the first time LECA UK has incorporated a third-party collaborator to pneumatically deliver the material into site.

**Delivery Method:** Pneumatic Delivery

**Main Contractors:** Luddon Construction Ltd