

# 1. MATERIALS



Materials are integral to the architectural design, appearance and character of a building. The choice and use of materials and finishes therefore plays a crucial role in any alteration and extension given their impact on the appearance and character of a home (and Conservation Area if applicable).

The production of materials and construction processes are major consumers of resources and can produce a large proportion of waste and carbon emissions.

In all cases, the insulating quality of materials should be considered along with their embodied energy (the energy used in manufacture and transportation) and the potential for recycling in the future and re-use, especially relevant in the context of historic buildings.

In order to be acceptable by Officers, materials should be:

## 1.1 CONTEXTUAL

The texture, colour, pattern and finish of materials (detailing) should relate well to the existing character and appearance of both the existing home and the wider area, particularly in Conservation Areas and listed buildings.

## 1.2 RESILIENT/DURABLE

Choosing a material that stands the test of time is crucial as there are many benefits to this. It would be affordable long term, it saves embodied carbon, and it would become part of the character of the property given its lifespan. The durability of a material should be appropriate for the expected lifetime of the building/element.



Photo 13



Photo 14



Photo 15



Photo 16