

Lansdown Conservation Research Nursery

Proposed External Materials Schedule

Revision P2
11th March 2026

Pursuant to the discharge of condition 2 of approval ref. DM/25/2774, here follows a schedule of external materials to be used for exposed facings of the buildings. These have been selected in reference to the High Weald Character Area Developed Palette from page 22 of the document "Guidance on the selection and use of colour in development" dated September 2017.

Element / location	Material proposed	Details / colour integration
GLASSHOUSES GENERALLY		
Base plinths	Cast in-situ concrete	These are typical finishes for modern commercial glasshouse structures. The glass itself is the dominant material, rhythmically interrupted by white glazing bars, opening vents and doors and concrete plinths. The High Weald Character Area Developed Palette does not make specific allowance for buildings/materials of this type, but the neutral nature of the colours present accord with the guidance on page 22.
Glasshouse walls and roofs	Toughened glass with aluminium (mill finish) glazing bars with white plastic cover caps	
Sliding doors to glasshouses	Aluminium (mill finish) with white plastic cover caps and clear toughened glass	
Louvred glazed side vents to glasshouses	Aluminium (mill finish) frames with clear toughened glass	
Ventilation louvres to glasshouse walls	Mill finish aluminium	
Glazed ridge vents to glasshouse roofs	Aluminium (mill finish) frames with clear toughened glass and white plastic cappings	
Glasshouse rainwater goods – integrated valley gutters	Mill finish aluminium	
Glasshouse rainwater goods – rainwater collector pipes and downpipes (east-facing elevations generally)	White plastic	
Solid panels where glazing not required (at low level on some elevations)	White colour-coated aluminium	

Element / location	Material proposed	Details / colour integration
ANCILLARY (CLAD) PORTIONS OF GLASSHOUSES 1, 3 AND 4 AND PLANT BUILDING		
Base plinths	Cast in-situ concrete	Grey, typical concrete finish. Acts as a continuous plinth tying together the glasshouse and solid-clad portions of the buildings. Neutral colour similar to grey “3000-N”.
Timber cladding including horizontal boarding at low level and to heat pump enclosure screening, and vertical batten upper rainscreens	Locally sourced Douglas Fir with translucent stain achieving a colour similar to NCS 5005-Y50R (warm mid-grey)	This material comprises most of the elevations for these buildings. Douglas Fir timber has been sourced from the Wakehurst Estate, with this extreme locality expected to reduce project-related carbon emissions. The timber will be stained using a translucent non-film-forming system to extend its life and to achieve compliance with the guidance of the High Weald Character Area Developed Palette. The colour targeted will be “5005-Y50R” – a warm mid grey selected from the “timber” material section. Since the stain is translucent and the timber is a natural material the results will not be precise and there will be variation. This is desirable, since the variation will help to visually soften the elevations and integrate them to the landscape.
Metal roof finishes	Composite metal panel with coloured plastic coating in a grey similar to NCS 3000-N (RAL 7038)	This neutral grey will help to reduce the apparent size / bulk of the buildings when seen against the sky, although in reality the roofs themselves will only be visible from very few vantage points due to their orientation and shallow pitch.
Photovoltaic panels	Low-profile system mounted onto composite roof panels (south facing slopes where indicated)	Again, these will only be visible from very limited vantage points. They lie on south-facing roof slopes.
Glazed windows and pedestrian doors and associated flashings, louvred doors to plant spaces and associated flashings, metal roller shutter doors and associated flashings, and rainwater gutters and downpipes where visible.	Polyester powder coated metal frames with double glazing. 30% gloss finish in a warm mid grey similar to NCS 5005-Y50R (RAL 7030).	This warm grey harmonises with the general integration colour of the stained timber cladding which these windows and doors interrupt. Rather than being provided by these elements, accents are provided by feature trim pieces (see below).
Accent metal trims to timber cladding.	Polyester powder coated metal in a light grey colour similar to NCS 2500-N (RAL 9006).	These provide contrasting accents to give the elevations structure and rhythm. They will also establish a visual connection to the adjacent glasshouses, having a similar appearance to the raw metal finishes visible through the glass.