



ARC II Modular construction system - materials build-up

- Steel sub-frame and structural columns.
- OSB reformed timber board structure cut and assembled into curved modular rib sections.
- Steicoflex wood fibre insulation.
- External cladding – Sustainable and UK-sourced “Brimstone” Poplar T&G profile boarding hung on batten strips.
- Powder coated aluminium gutters and spouts (RAL 7022 dark grey.) Stainless steel rain chain detail from spouts to allow water run-off.
- Painted timber mullions to glazed elevations (RAL 7022 dark grey). Timber internal glazing supports and triple glazed units.
- Painted Tricoya fascia to surrounds of glazed ends (RAL 7022 dark grey).
- Painted triple-glazed double doors by Nordan (RAL 7022 dark grey).
- Windows – triple glazed units by Fakro. Powder coated metal flashing (RAL 7022 dark grey.)
- Picture windows – triple glazed units with painted timber frames / painted Tricoya cheeks to openings (RAL 7022 dark grey).
- Roof – sedum green roof.

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