

# Turing House Specification

29 May 2020

**This document includes:**

Code	Section	Revision	Dated
Q37	Green roofs	P02	29 May 2020

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**Q37**  
**Green roofs**  
**Revision P02**

**Section Revision History**

No.	Purpose	
P01	Contractors Proposals	9th Oct 2019
P02	Revised to provide more detail and remove soil medium note	29th May 2020

**Clauses amended in Revision P02**

No.	Clause	
130A	MODULAR EXTENSIVE GREEN ROOF SYSTEM	Revised
790	GROWING MEDIUM INSTALLATION	Deleted

## Q37 Green roofs

### To be read with Preliminaries/General conditions

#### GENERAL

##### 130A MODULAR EXTENSIVE GREEN ROOF SYSTEM TO SIT ON TOP OF WARM ROOF BUILDUP

- Manufacturer: Wallbarn Ltd.
  - Web: [www.wallbarn.com](http://www.wallbarn.com).
  - Email: [sales@wallbarn.com](mailto:sales@wallbarn.com).
  - Tel: +44 (0)20 8916 2222.
  - Address: Unit 16, Capital Business Centre, 22 Carlton Road, South Croydon, Surrey. CR2 0BS.
  - Product reference: M-TRAY® Modular Extensive Green Roof System
- Components: Recycled polypropylene tray comprises pre-grown, multi-layered green roof system with drainage membrane, filtration layers, substrate and vegetation pre-installed
- Vegetation: Biodiverse mix (refer to landscape architect specification for species mix and abundance.
- Aluminium edging: Required.
- Location: refer to roof plan
- Size: 500 x 500 x 100mm deep (per tray)
- Substrate: 300gsm recycled fleece separation and filtration geotextile layer (supplied by Wallbarn)
- Installation: To supplier's recommendations. Installed over geotextile layer, clicked to adjacent modules incorporating aluminium edging.  
(Revised - Q37 revision P02 - 29th May 2020)

#### PERFORMANCE

##### 210 GENERAL DESIGN

- Green roof and associated features: Complete the detailed design.
- Proposals: Submit drawings, technical information, calculations and manufacturers' literature.
- Performance criteria: TBC .

#### PRODUCTS

#### EXECUTION

##### 710 INSTALLATION GENERALLY

- Preparation: Clear all surfaces of debris.
  - Timing: After certification of waterproof membrane integrity.
  - Surface condition: Visually inspect waterproof membrane, report any damage.
- Faults in waterproof membrane: Report.
- Contamination: Do not use materials detrimental to healthy plant growth.
- Storage: Do not overload.
  - Point loads: Avoid.
- Outlets: Do not block.
  - Outlet grilles: Installed.

##### 720 ADVERSE WEATHER

- Unfinished work: Secure from damage and wind uplift.
- Conditions: Do not install or work with frozen materials.

##### 790 GROWING MEDIUM INSTALLATION

(Deleted - Q37 revision P02 - 29th May 2020)

**820 EDGE RETAINING PROFILE INSTALLATION**

- Cutting: Neat, accurate and without spalling.
  - Junctions: vertical, secured using proprietary connectors.
- Position: True to line and level. Smooth continuous lines.
- Fixing: Manufacturer's standard .

**COMPLETION**

**910 INSPECTION**

- Timing: Before handover.
  - Give notice (minimum): 3 days.

**920 COMPLETION**

- General: Leave the works in a clean, tidy condition.
- Surfaces: Clean immediately before handover.
- Outlets: Clean and clear of obstructions.
- Completed green roof: Protect from adjacent or high level working.

**930 DOCUMENTATION**

- Timing: Submit at handover.
- Contents:
  - Growing medium declaration of analysis.
  - Manufacturers' guarantees and warranties.
  - Procedures for maintenance of the green roof.
  - Record drawings showing the location of planting and associated features.
- Number of copies: As required by contractor .