

OVOMS Floating Staircase | Technical Datasheet

. PRODUCT OVERVIEW

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Product Variants 1-3/3

Product lemplate Floating Staircase				
	Name	Variant Values	Sales Price	
	Floating Staircase	Shape: Straight Shape	9,499.00	
	Floating Staircase	Shape: 1 Turn Shape	10,999.00	
\Box \Diamond	Floating Staircase	Shape: 2 Turn Shape	12,499.00	

Product Name: OVOMS Floating Staircase

- Type: Wall-mounted, single-stringer, cantilevered system
- Design Style: Minimalist, modern, open-riser design
- Application: Residential and light commercial spaces
- Key Feature: "Floating" visual with hidden structural support

Specification	Detail
Typical Width	990 mm
Total Weight	500-700 kg (approx. per flight, including glass)
Delivery Package	1200 × 2400 × 2000 mm pallet
Live Load Capacity	1.5 kN/m²
Max Deflection	L/300

2. MATERIALS & CONSTRUCTION

Treads (Steps)

- Material: Solid European Oak
- **Dimensions:** 110mm Thickness × 280mm Depth
- Finish: Two coats of UV-resistant satin varnish
- Connection: 12mm steel tread plates bolted with four M12 bolts per step

Structural Stringer

- Material: S355 Structural Steel
- **Dimensions:** 12mm Thickness × 350mm Width
- Mounting: Bolted to wall using M12 resin anchors
- Wall Requirement: Load-bearing concrete, double-brick, or reinforced stud wall
- Finish: Primer (Standard)

Glass Balustrade & Handrail

- Glass Spec: 12mm Toughened Safety Glass
- Fixing System: Two stainless-steel stand-offs per tread
- Handrail: Solid Oak Available in Square (45×45mm) or Round (Ø45mm)
- Handrail Fixing: Silicone bonded via groove connection

3. FINISHES & CUSTOMIZATION

Standard Finish: Clear UV-Resistant Satin Varnish

Optional Stains: Custom tinting available from the Harmony Stain Range.

Stain Options

Colors may vary slightly based on timber grain. Samples recommended.

Oak & Natural Tones	Light, Grey & Pastel	Medium & Warm Brown	Dark & Deep Tones
Bleached Oak 1	Crème 2	Mocha 3	Espresso 4
London Oak 5	Latte 6	Truffle 7	Regent 8
Reclaimed Oak 9	Cotton 10	Traviata 11	Bologna 12
Bog Oak 13	Cloud 14	Giovanni 15	Windsor 16
Nut Brown 17	Linen 18	Murano 19	Conker 20
Beach Nut 21	Ash 22	Tosca 23	Tar 24
Branch 25	Graphite 26	Sun Dried 27	Rosa 28
Time 29	Sand 30	Syrup 31	Sapele 32
Oxford 33	Cinder 34	Mediterranean 35	Merlot 36
Mink 37		Calore 38	Beaujolais 39

Danish 40	Fem 41	Madeira 42
Autumn 43	Victorian 44	Bordeaux 45
	Tanned 46	Wenge 47
	Squirrel 48	
	Leather 49	
	Sunrise 50	

Additional Options:

• **LED Lighting:** Under-tread integrated LED strip (dimmable)

4. COMPLIANCE & SAFETY

- Design Standards: Fully compliant with BS 6180, BS 5395, and Building Regulations Part K.
- Fire Rating: Non-combustible steel structure and toughened glass.
- Certification: Fully CE / UKCA compliant.
- Documentation: Full structural calculations provided for each specific installation.

5. WARRANTY & MAINTENANCE

- Structural Warranty: 10 Years
- Surface Finish Warranty: 2 Years
- **Support:** Lifetime support and spare part availability.
- Care Instructions: Clean treads with a damp cloth and mild detergent. Avoid abrasive pads, steam cleaners, or harsh chemicals. Check glass clamps annually.

6. FREQUENTLY ASKED QUESTIONS

- Can it be installed on stud walls? Yes, but only if reinforced with a specific steel subframe.
- Is glass included? Yes, complete with stand-offs and oak handrail.
- Can I get custom tread sizes? Yes, we can accommodate up to 320mm width or 130mm thickness.
- What is the lead time? Typically 8–10 weeks from order to installation.
- Do you provide drawings? Yes, a 3D render and structural calculation are issued for approval before production.

COMPANY INFORMATION

OVOMS (Part of DDC London Ltd)

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•	Core Values: Innovation	• Engineering Precision • A	Architectural Excellence	