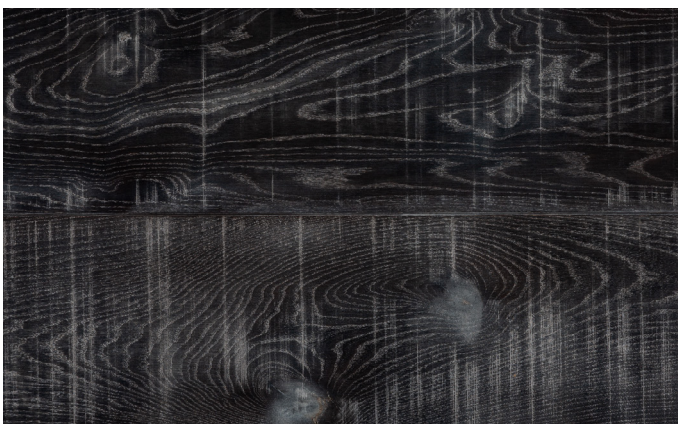


Technical Data Sheet

HW88107 Duke Hand Grade

[View Product Online](#)



Product Details

Product Code	HW88107
Product Range	Hand Grade
Construction	Engineered
Specie	European Oak
Grade	Rustic
Pattern	1-Strip Plank
Process	Sculptured Surface
Finish	Oiled
Profile	Tongue & Groove
Edge Profile	Rounded Edge
Top Layer	4-6mm Solid European Oak
Core	WBP Birch Plywood Mid-layer
Back Layer	4mm Solid European Oak
Thickness	23mm
Width	280-480mm
Length	Up to 4m
Pack Size	Varied
Commercial Warranty	5 Years
Residential Warranty	Lifetime Structural Warranty: 25 year wear Warranty
Maintenance	Comprehensive maintenance instructions and materials are available from the VidaSpace website for all flooring products.
Matching Nosings	Prefinished flush or square nosings made to order

MasterSpec

Work Section	6312VS VidaSpace Timber Overlay Flooring System
Link	masterspec.co.nz

Installation Methods

Fully Bonded	Yes (Recommended)
Nailed	Yes
Floated on Underlay	No
Over Underfloor Heating	Yes (Please see our underfloor heating guidelines)

Grading Criteria

Known as either natural or rustic grade this allows a virtually limitless size and number of knots. Heartwood will be used, there will be colour variation, sapwood and filler; you should expect checks (cracks across the growth ring) and possibly some end shake (cracks between the rings). The colour of the fill is carefully selected to compliment the wood rather than to match it exactly and it may vary from batch to batch.

NB: The product grading criteria is an approximation. Please ask for details.

Technical Criteria

Origin	Europe	
Responsible Certification	FSC® Certified, Cradle to Cradle Certified Silver	
Janka Hardness Rating	1,360 lbf (6,000N)	
Formaldehyde Emission	E1 (EN717-1)	
Pentachlorophenol Emission	CEN/TR 14823	< 5 ppm
Slip Testing	CEN/TS15676	82(dry)/42(wet) PTV/SRV
European reaction to fire classification	EN13501-1	Cfl-s1
Reaction to fire - Floors (CRF)	2.2kW/m2	
Reaction to fire - Walls & Ceilings	Group 3 - To achieve Group 1-s fire rating apply Zone 92 intumescent coating or similar.	
Thermal Conductivity	EN 12664	λ 0.17 W/m K

Recommended Installation Accessories

HW650043 Marldon MXA200 Wood Floor Adhesive	Stocked
HW250036 Marldon Rapid DPM 4 Litre	Stocked
HW150097 Strata Acoustic Underlay 3mm	Stocked
VS150090 Strata Acoustic Underlay 5mm	Stocked
HW650011 Marldon D3 PVA Adhesive 1L	Stocked

Recommended Cleaning Accessories

HW950058 Marldon MXC700 Liquid Wax Care Clear	Stocked
HW950112 Marldon Advanced Cleaning Mop	Stocked
HW950059 Marldon Cleancare 1L	Stocked

Sustainability & Provenance

To back our commitment to sustainable sourcing we have the following independent certification systems to verify they come from sustainably managed forests and sustainable methods are used. The following Certifications apply to a lot of our products, this detail will be found on the first page of our product datasheets. Any queries please get in touch.

Our FSC® and CoC certification gives specifiers, clients and end users assurance of the legality and legitimacy of our FSC timber supply and compliance with government procurement regulations. It demonstrates that we meet the strict tracking requirements for FSC timber products, and that our products come from well-managed forests. The global FSC® certificate database contains information on both Forest Management and Chain of Custody certificates. Our certificate code is SGSHK-COC-510010.

Cradle to Cradle Certified™ is a globally recognized measure of safer, more sustainable products made for the circular economy. Product designers, manufacturers and brands around the world rely on the Cradle to Cradle Certified Product Standard as a transformative pathway for designing and making products with a positive impact on people and planet. Each certification level represents increasingly rigorous achievement across five critical performance categories: Material Health, Material Reutilization, Renewable Energy and Carbon Management, Water Stewardship, and Social Fairness.

E3/AS1 Amendment 7 Information

Timber flooring now needs to be submitted as an Alternative Solution, not an Acceptable Solution for use in kitchens and laundries when a building consent is required. This is a simple process and we are here to support architects and designers with the correct supporting documentation to assist in getting timber floors consented in kitchen and laundry areas.

When installing timber flooring in kitchens, laundries, powder rooms or any space that has sanitary fixtures or sanitary appliances and the build/renovation requires a building consent, to help create an impervious surface, please ensure the following are done:

- Apply a water resistant adhesive such as Marldon D3 PVA (or similar) to all joins of the planks 1.5m out from sanitary fixtures
- Once installation is complete, a flexible waterproof sealant (suitable for wood flooring installations) applied around the perimeter of the floor at least 1.5m out from sanitary fixtures

Note: sanitary fixtures and appliances now include kitchen sinks, dishwashers and washing machines

For further information regarding this refer to www.vidaspace.co.nz/changes-to-e3-as1-acceptable-solutions-timber-in-kitchens/ or get in touch at info@vidaspace.co.nz or 0800 119 388

Installation

We have over 15 floor build up guides so you can select the most fit for purpose installation method of your timber floor. See link to full range of options here www.vidaspace.co.nz/information/flooring-build-up-guides/ Contact one of our timber floor consultants to get assistance on selecting the best installation method. We supply the full range of installation accessories that are shown in the floor build up models. www.vidaspace.co.nz/contact-information/ We recommend all timber floors are installed by an experienced timber floor installer, please see our trusted installers list here www.vidaspace.co.nz/trusted-installer-network/

Care & Maintenance

Protect the future of your investment with the correct cleaning and maintenance regime. Residential and Commercial spaces will require different levels of care & maintenance. See link to our timber floor Care & Maintenance Guides – www.vidaspace.co.nz/information/installation/ Any questions? Get in touch with our timber floor consultants for advice or to reorder products www.vidaspace.co.nz/contact/

Warranty

All VidaSpace products must be installed by a competent installer/contractor who has the necessary skills and experience and can take individual site circumstances into account. VidaSpace warranty will apply only to projects which have been installed, handled and maintained to industry best practice and New Zealand Building Code requirements. It is the responsibility of the specifier to determine the product is suitable and compliant for the application. To view a copy of the full warranty, please contact our team.

Technical Support

Further information and technical support is available by contacting VidaSpace on 0800 119 388.

Special Note: 'In Australia and Europe the same general hierarchy of risk for surface flame spread for finishes is used. While differences exist in the small-scale or intermediate-scale fire test methods adopted in the different jurisdictions, the resulting classifications are considered to be sufficiently similar to the Group Number requirements of NZBC Clause 3.4(a) such that the results can be used directly for the purpose of compliance with Clause C3.4 of the New Zealand Building Code.

Ref: www.building.govt.nz/building-code-compliance/c-protection-from-fire/c-clauses-c1-c6/surface-finishes/

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