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Technical Specification Sheet

Barnworth Engineered Smoked Oak Brushed & Lacquered Wood Flooring (150mm x 14/3mm)

Product Overview

The Barnworth Engineered Smoked Oak flooring offers a rich and inviting appearance, combining a brushed surface with a protective lacquered finish. The smoked oak tone introduces deeper, warmer hues, adding depth and character while maintaining a clean and refined look.

With its engineered construction and versatile board size, this flooring is designed to provide durability, stability, and everyday practicality across a wide range of interiors.

Construction Details

This flooring features a multi-layer engineered construction, designed to provide strength and long-term stability.

- Top layer: 3mm solid oak veneer
- Core: Cross-layered timber or plywood construction
- Base layer: Stabilising backing layer

This structure helps reduce movement caused by temperature and humidity changes, making it a reliable choice for modern homes.

Finish & Surface

The brushed and lacquered finish offers a balance of texture and durability.

- Brushing enhances the natural grain and adds subtle texture
- Lacquer forms a protective surface layer
- Helps resist everyday wear, spills, and stains

The smoked finish deepens the colour of the oak, creating a warmer and more distinctive appearance.

Key Specifications

Specification	Details
Product Code	150143SMOKBL1
Flooring Type	Engineered Wood
Wood Species	Oak (Smoked)
Finish	Brushed & Lacquered
Thickness	14mm
Wear Layer	3mm Solid Oak Top Layer
Board Width	150mm
Board Length	300mm – 1200mm (Mixed Lengths)
Edge Detail	Micro Bevel
Grade	Natural Grade
Profile	Tongue & Groove
Installation Method	Floating (glued joints), Glue-Down or Nail-Down
Pack Coverage	2.88 m ² per pack
Underfloor Heating	Suitable (see guidelines below)
Surface Texture	Brushed
Finish Type	Protective Lacquer
Room Suitability	Living Areas, Bedrooms, Hallways
Commercial Use	Light Commercial

Board Style & Appearance

The 150mm board width offers a classic and versatile look, suitable for a wide range of room sizes and interior styles.

The smoked oak tone introduces depth and warmth, while natural variation in grain ensures each board has its own unique character.

Installation Information

This flooring features a **tongue and groove profile**, providing a traditional and secure fit.

Suitable installation methods include:

- Floating installation with glued joints
- Glue-down installation for a more solid feel
- Nail-down installation over timber subfloors

Professional installation is recommended for the best results, although experienced DIY installation is possible.

Underfloor Heating Compatibility

This flooring is suitable for use with **water-based underfloor heating systems** when installed correctly.

- Maximum surface temperature: 27°C
- Gradual temperature changes are recommended
- Ensure proper subfloor preparation

Electric underfloor heating systems are not recommended unless specifically approved.

Maintenance Overview

To maintain the appearance and longevity of this flooring:

- Clean regularly using a soft brush or vacuum
- Use a damp (not wet) mop
- Avoid harsh chemicals and abrasive cleaners
- Do not use excessive water

For best results, follow a dedicated care and maintenance guide for lacquered wood flooring.

Important Notes

- Flooring must be acclimatised before installation
- Check all boards prior to fitting
- Natural variation in colour and grain is to be expected
- Not suitable for bathrooms or wet areas

Final Thoughts

The Barnworth Engineered Smoked Oak flooring combines a warm, characterful colour tone with a durable brushed and lacquered finish. Its engineered construction and versatile board size make it a practical and stylish choice for a wide range of interiors.

Get in touch!

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