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Technical Specification Sheet

**Barnworth Engineered Smoked Oak Brushed & Oiled Wood Flooring
(170mm x 13.5/2.5mm)**

Product Overview

The Barnworth Engineered Smoked Oak flooring offers a rich and characterful appearance, enhanced by a brushed and oiled finish that brings out the depth and texture of the wood. The smoked tone introduces warmer, deeper hues, making it a lovely choice for both modern and traditional interiors.

With its engineered construction and versatile board size, this flooring provides a balance of durability, stability, and natural style for everyday living spaces.

Construction Details

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

- Top layer: 2.5mm 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 option for modern homes.

Finish & Surface

The brushed and oiled finish enhances both the texture and colour of the smoked oak.

- Brushing highlights the natural grain and adds subtle texture
- Oil penetrates the wood for a soft, matte appearance
- The smoked treatment deepens the tone for a warmer, richer look

This creates a floor that feels natural, textured, and full of character.

Key Specifications

Specification	Details
Product Code	17013SMBO1
Flooring Type	Engineered Wood
Wood Species	Oak (Smoked)
Finish	Brushed & Oiled
Thickness	13.5mm
Wear Layer	2.5mm Solid Oak Top Layer
Board Width	170mm
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	1.84 m ² per pack
Underfloor Heating	Suitable (see guidelines below)
Surface Texture	Brushed
Finish Type	Natural Oil
Room Suitability	Living Areas, Bedrooms, Hallways
Commercial Use	Light Commercial

Board Style & Appearance

The 170mm board width offers a balanced and versatile look, sitting comfortably between traditional and wide plank styles.

The smoked finish introduces depth and variation, giving each board a unique and characterful appearance.

Installation Information

This flooring features a **tongue and groove profile**, offering 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 finish, 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 natural look and performance of this flooring:

- Clean regularly using a soft brush or vacuum
- Use a damp (not wet) mop
- Apply maintenance oil periodically
- Avoid harsh chemicals and excess moisture

For best results, follow a dedicated care and maintenance guide for oiled

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 rich, warm colour tone with a beautifully textured brushed and oiled 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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