

GRANWOOD ACOUSTIC

- IMPACT AND AIRBOURNE SOUND REDUCTION
- PROVEN FIRE AND FLOOD RESISTANCE
- 10 PASTEL SHADES
- THE LOOKS AND WARMTH OF TIMBER WITH THE STABILITY OF A CERAMIC
- THE ENVIRONMENTALLY FRIENDLY OPTION
- LONG LIFE EXPECTANCY PROVIDING TRUE VALUE FOR MONEY

The Granwood Acoustic flooring system reduces impact and airborne sound transmission between floors as required by the Building Regulations for party floors in residential dwellings.

Granwood blocks are British made and backed by over 85 years of experience. Installed by our own directly employed specialist teams, we provide a single source responsibility for materials used and installation workmanship, as well as an aftercare advice service for life.

Granwood blocks are guaranteed against warping, curling, buckling and splintering irrespective of changes in temperature or humidity. They are resistant to abrasion, attack by chemicals, vermin and termites, whilst the growth of dry rot and wet rot is impossible.

Granwood has survived flood conditions with no ill effect, has a Class 1 fire resistance under BS476 and has a zero Fuel Contribution Factor.

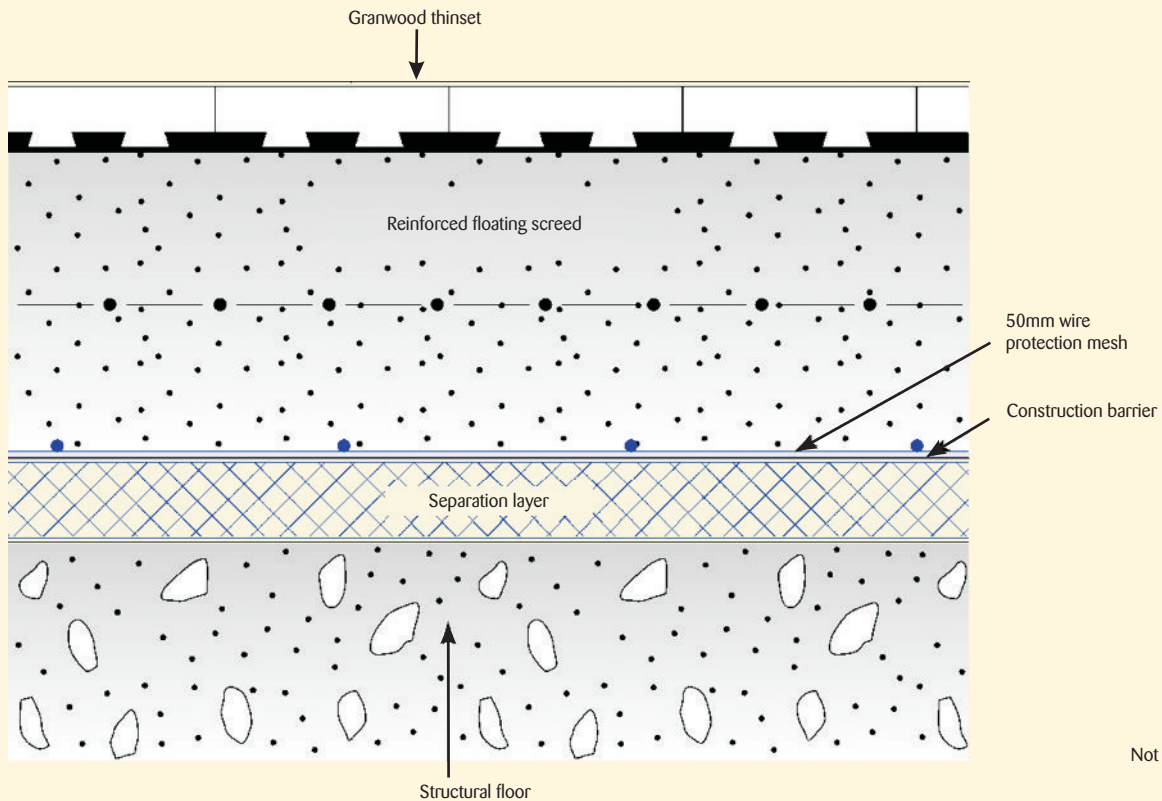
Granwood floors are compatible with underfloor heating installed in the screed.

Architectural Specification: Onto the structural concrete subfloor, supply and install a suitable separation layer covered with a cement sand reinforced screed of minimum thickness 53mm left with a wood float finish. Supply and fix with cementitious, water resistant ceramic tile adhesive 174mm x 57mm x 10mm nominal **GRANWOOD FLOORING** and grout all joints in self colour grout. Machine sand the whole floor surface and seal with Granwood polyurethane seal (the choice of colour and laying pattern of the floor blocks should be stated).

TECHNICAL SALES HELPLINE: 01773 606060

GRANWOOD ACOUSTIC

CROSS SECTIONAL DETAIL



TECHNICAL INFORMATION

Granwood is a wood composition flooring block which is hydraulically press formed from an amalgam of wood granules, fillers, pigments and linseed oil. Unique curing processes polymerise and oxidise the linseed oil to impart its properties of stability and water, fire, abrasion and chemical resistance.

Dimensions: 174mm x 57mm x 10mm (nominal).

Thermal resistance: 0.028m²k/w.

Fire resistance: The Granwood block surface gives a Class 1 resistance to Surface Spread of Flame to BS 476. Granwood has a zero Fuel Contribution Factor and is resistant to flame action in temperatures exceeding 800°C. See various international test results, including A.S.T.M. E. 84-70.

Water resistance: The Granwood block is unaffected by extremes of humidity and survives flood conditions. This remarkable stability has been proven in many situations where other floors would require repair or replacement.

Environment: Granwood blocks do not contain hardwoods and are manufactured using what might otherwise be waste softwood.

Quality: Quality is constantly monitored under our BS EN 29022 registration.

Screed: The cement/sand screed should be a minimum of 53mm thick and include a D49 mesh reinforcement or equivalent. An appropriate proprietary screed could also be considered.

Construction barrier: 1 layer of 500 gauge polythene.

Separation layer: The Building Regulations allow the use of 13mm thick pre-compressed expanded polystyrene boards (impact sound duty grade) overlaid with a 50mm wire mesh for protection whilst the screed is being installed and this has been found to be an economic option. Other materials can also be used if preferred.

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|--------------------------|-------------------|-------------|
| System thickness: | Granwood Thinset: | 12mm |
| | Screed: | 53mm |
| | Separation Layer: | 13mm |
| | Overall: | 78mm |

This data sheet should be read in conjunction with the technical information sheet for the Traditional Granwood flooring system.



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QUALITY BRITISH FLOORS FOR EVERY LOCATION

