

Isosonic Dek 30 is a combined acoustic insulation and structural floor deck which is freely supported over the joists without any mechanical through fixings, in order to reduce sound transmission.

All the joints between the boards must be fully glued to prevent distortion and creaking. This can cause a greater degree of expansion at the floor perimeter than is normal with fixed boards.

The Isoedge perimeter strip serves to reduce acoustic leakage and provides a compressible movement joint.

### IMPORTANT - FLANKING SOUND TRANSMISSION

Particular attention and care should be paid to perimeter detailing as flanking sound transmission is the biggest cause of sound test failure.

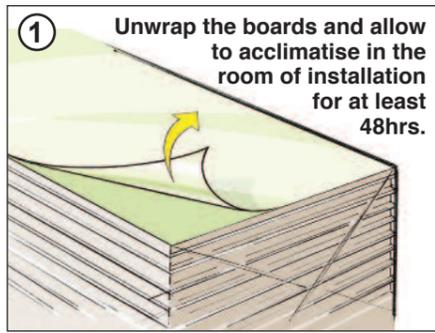
Ensure Isoedge 6/75 is used to separate the Isosonic Dek 30 from the walls & skirting boards and that all gaps are filled with intumescent sealant.

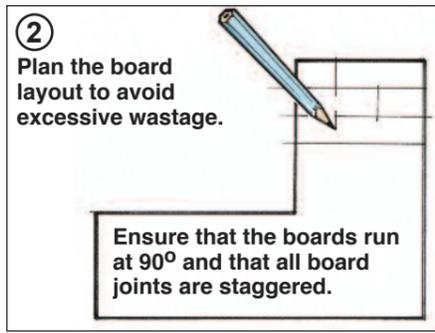
#### Products Required:

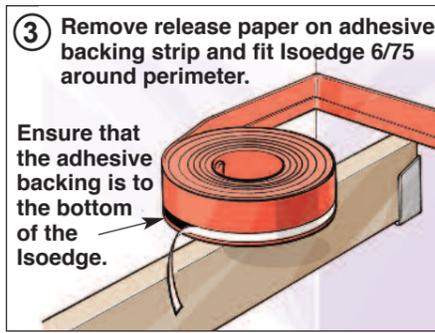
Isosonic Dek 30  
Isoedge 6/75  
Floorbond Adhesive

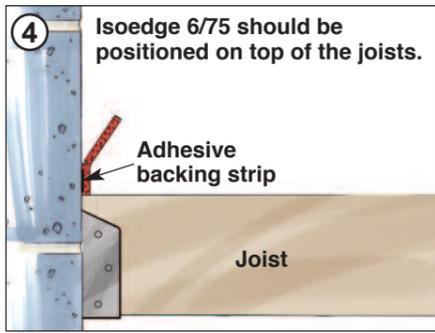
#### Tools Required:

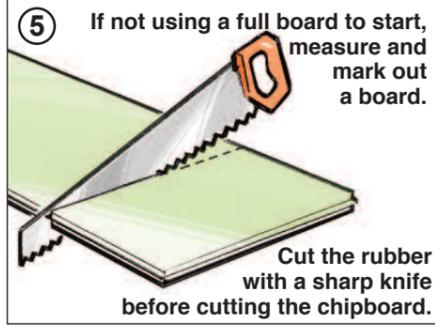
Measuring Tape Pull Bar  
Straight Edge Saw  
Rubber Mallet

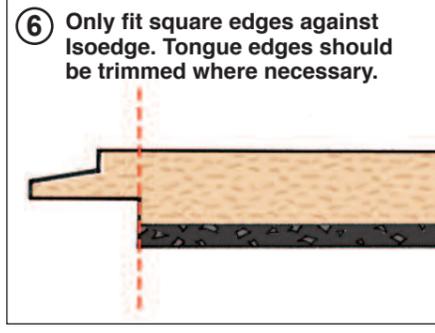
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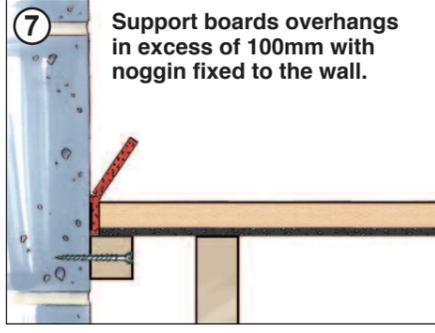
1 Unwrap the boards and allow to acclimatise in the room of installation for at least 48hrs.
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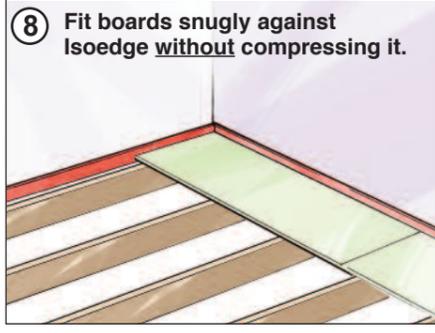
2 Plan the board layout to avoid excessive wastage.  
Ensure that the boards run at 90° and that all board joints are staggered.
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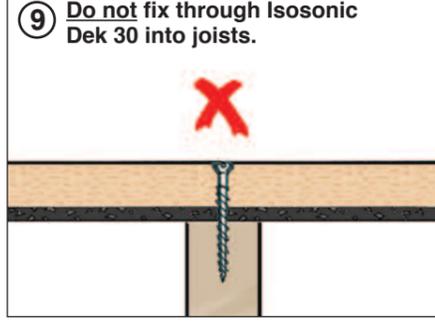
3 Remove release paper on adhesive backing strip and fit Isoedge 6/75 around perimeter.  
Ensure that the adhesive backing is to the bottom of the Isoedge.
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4 Isoedge 6/75 should be positioned on top of the joists.  
Adhesive backing strip  
Joist
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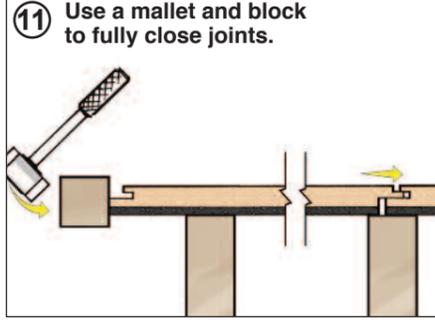
5 If not using a full board to start, measure and mark out a board.  
Cut the rubber with a sharp knife before cutting the chipboard.
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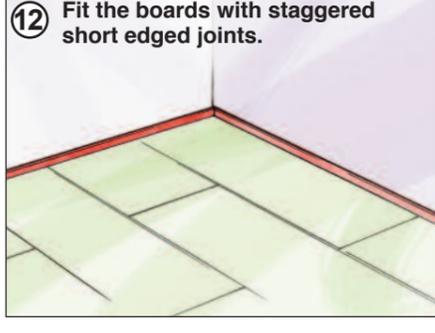
6 Only fit square edges against Isoedge. Tongue edges should be trimmed where necessary.
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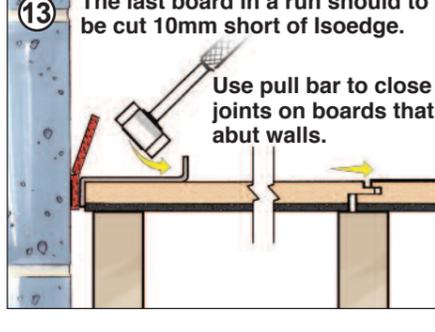
7 Support boards overhangs in excess of 100mm with noggin fixed to the wall.
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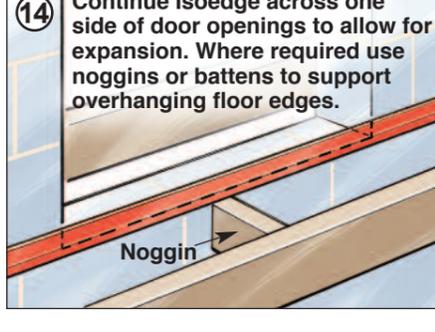
8 Fit boards snugly against Isoedge without compressing it.
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9 Do not fix through Isosonic Dek 30 into joists.
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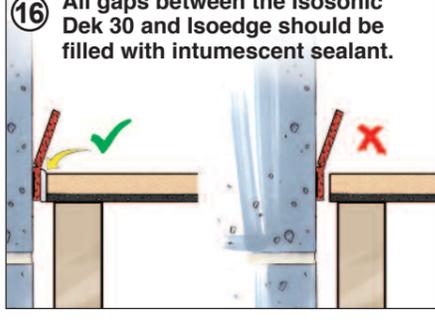
10 Ensure that grooves are fully filled with Floorbond adhesive.
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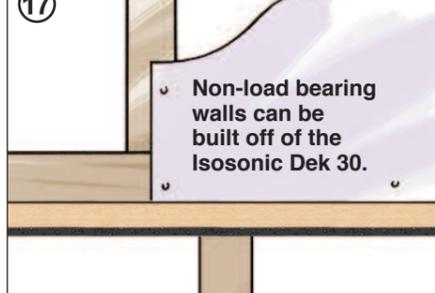
11 Use a mallet and block to fully close joints.
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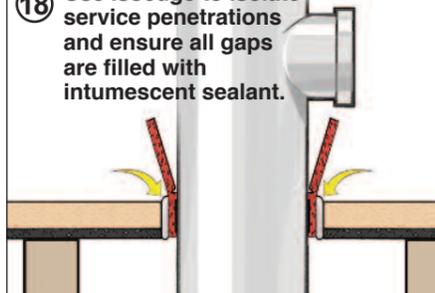
12 Fit the boards with staggered short edged joints.
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13 The last board in a run should be cut 10mm short of Isoedge.  
Use pull bar to close joints on boards that abut walls.
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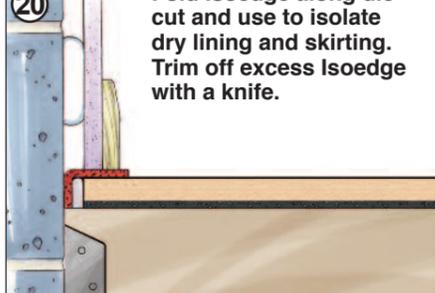
14 Continue Isoedge across one side of door openings to allow for expansion. Where required use noggins or battens to support overhanging floor edges.  
Noggin
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15 Trim Isoedge back to floor level at door thresholds when Isosonic Dek 30 has been installed.
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16 All gaps between the Isosonic Dek 30 and Isoedge should be filled with intumescent sealant.
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17 Non-load bearing walls can be built off of the Isosonic Dek 30.
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18 Use Isoedge to isolate service penetrations and ensure all gaps are filled with intumescent sealant.
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19 Do not walk on finished floor for 24hrs.
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20 Fold Isoedge along die cut and use to isolate dry lining and skirting. Trim off excess Isoedge with a knife.