

Vario® XtraSafe

Installation Guide



ISOVER
SAINT-GOBAIN

Step 1



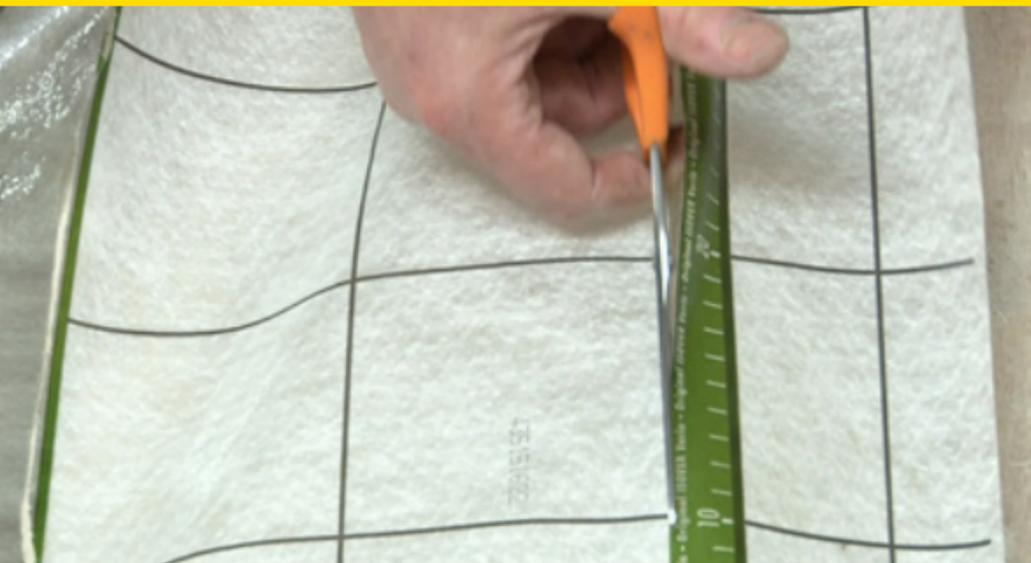
Ensure the area to which Vario® XtraFix Tape is to be applied is clean and free from dust.

Step 2

Remove the backing and apply XtraFix Tape in a continuous strip to the perimeter of the area to which Vario® XtraSafe Membrane is to be applied.



Step 3



Unpack and roll out the Vario® XtraSafe. Using the pre-marked cutting guides, cut the Vario® XtraSafe to the required size. Ensure enough is cut to leave the required overlaps, as per Steps 4 and 6.

Step 4

With the printed side facing towards you attach the first sheet of Vario® XtraSafe to the XtraFix Tape, ensuring a minimum overlap of 100mm (one printed square) where the membrane meets an adjoining wall, floor or ceiling.



Step 5



If there are any wrinkles in the material, simply remove and adjust, to ensure a smooth, airtight fit.

Step 6

Apply the next sheet of Vario® XtraSafe as per Step 4. Ensure a minimum overlap of 100mm (one printed square) where one piece of the membrane will adjoin to the next.



Step 7



Seal each overlapping piece of Vario® XtraSafe with a single, continuous strip of Vario® Multitape SL, to ensure an airtight joint.

Step 8

Where Vario® XtraSafe is overlapped onto an adjoining wall, floor or ceiling, apply a continuous bead of Vario® DS Sealant under the overlap in the membrane.



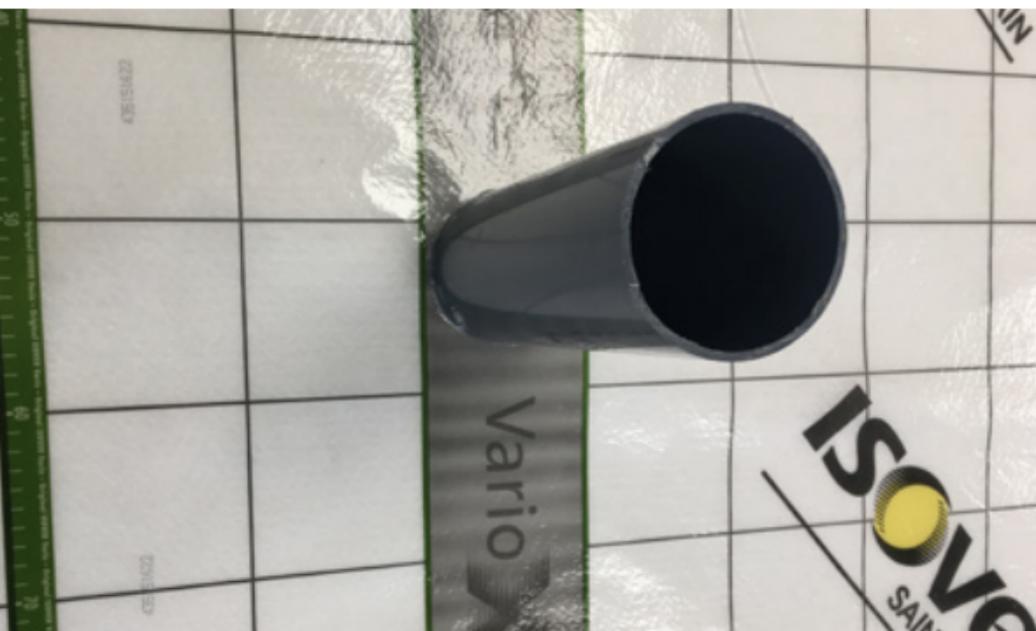
Step 9



Press the Membrane firmly into the sealant bead to ensure an airtight joint.

Step 10

For pipe penetrations, a collar should be fabricated as shown over the page.



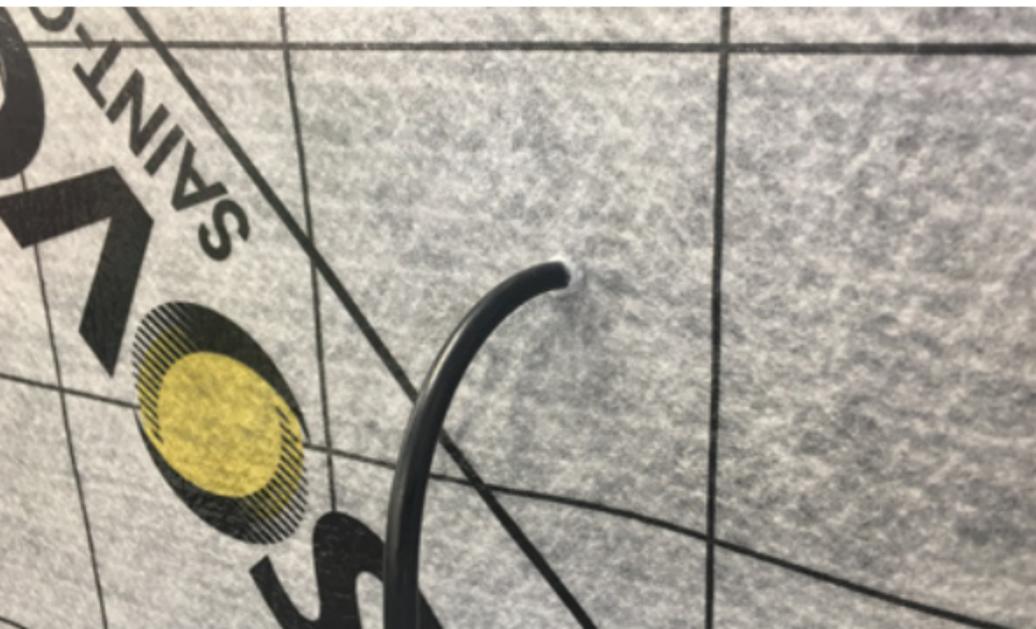
Step 11



The pipe collar should be shortened to the required size, pushed over the pipe and sealed to the Vario® XtraSafe using the MultiTape SL. Another piece of Multitape SL is used to seal the collar to the pipe. Pipe penetrations of different sizes and at different angles can be sealed in a similar way.

Step 12

To seal around cable penetrations, see the steps shown over the page. A penetration consisting of multiple cables can also be sealed in this way with the appropriate size of MultiTape SL and a bead of DS Sealant applied to the centre of the bunch of cables.



Step 13



Should any damage to the membrane occur, seal smaller holes with Multitape SL. For larger areas of damage, cut an appropriately sized piece of Vario[®] XtraSafe and affix that over the damaged area with Multitape SL.

Step 14

Once the installation is complete, check the membrane for any wrinkles, gaps or areas of damage that could affect overall airtightness.

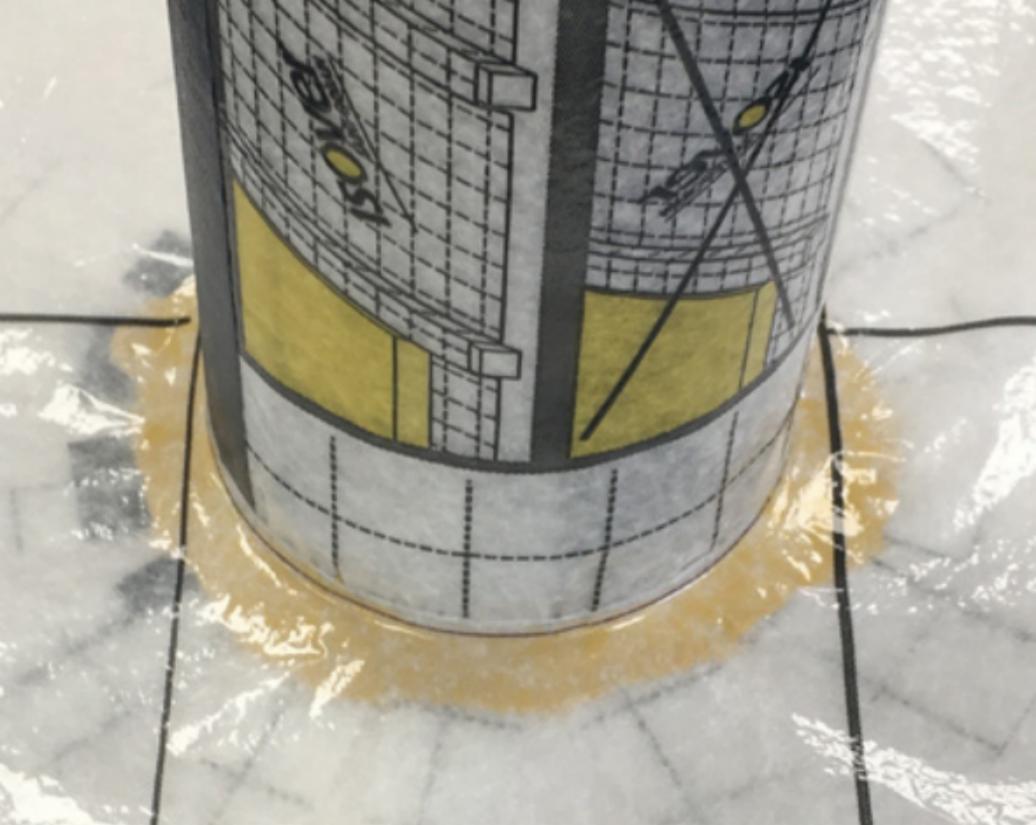


Step 15



To achieve required airtightness levels, Vario® XtraSafe must be applied to the entire building envelope.

To view the
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videos visit
isover.co.uk/vario



Pipe Penetrations

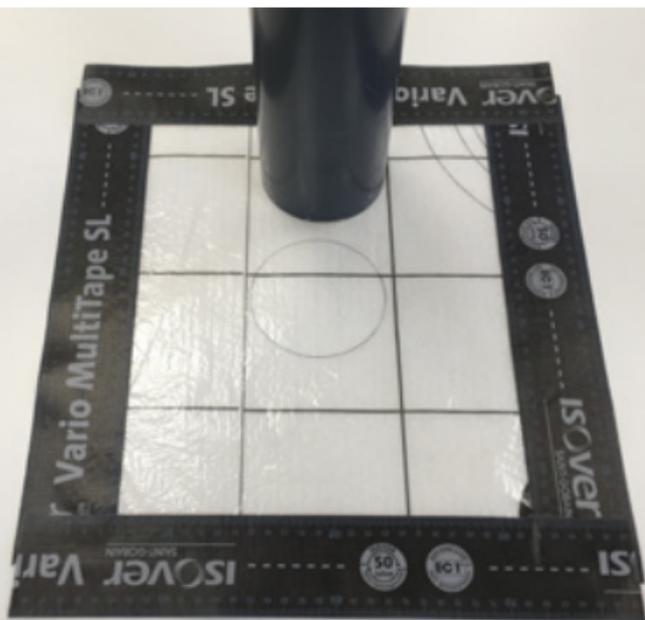
P1



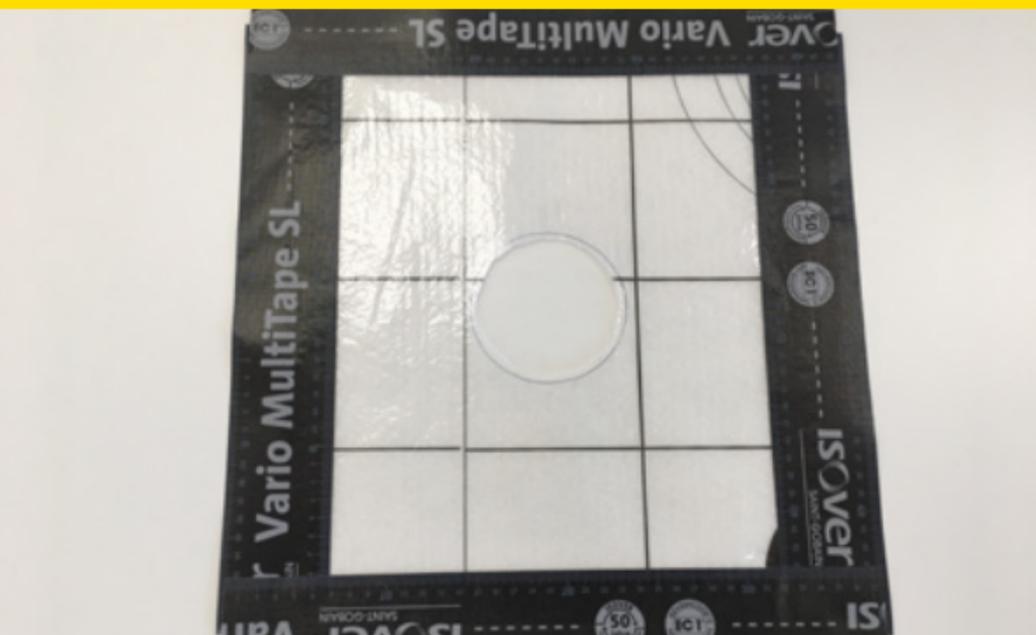
Items needed for a 100mm pipe collar:
2 pieces of Vario® XtraSafe Membrane
300 x 360mm, 4 x 360mm long pieces
of Vario® MultiTape SL. 1 template section
of pipe. 1 piece of Vario® MultiTape SL
the length of the pipe template. Pen and
pair of sharp scissors. 1 tube of Vario® DS
Sealant and a sealant gun.

P2

Remove half the backing tape of one of the lengths of MultiTape SL and apply it to one of the 360mm length edges of one of the pieces of Vario® XtraSafe so that the remaining part of the MultiTape SL hangs over the edge of the membrane. Repeat for the 2nd 360mm length edge and then the 2 remaining edges. Place the pipe in the centre of the Vario® XtraSafe and draw round with a pen.



P3



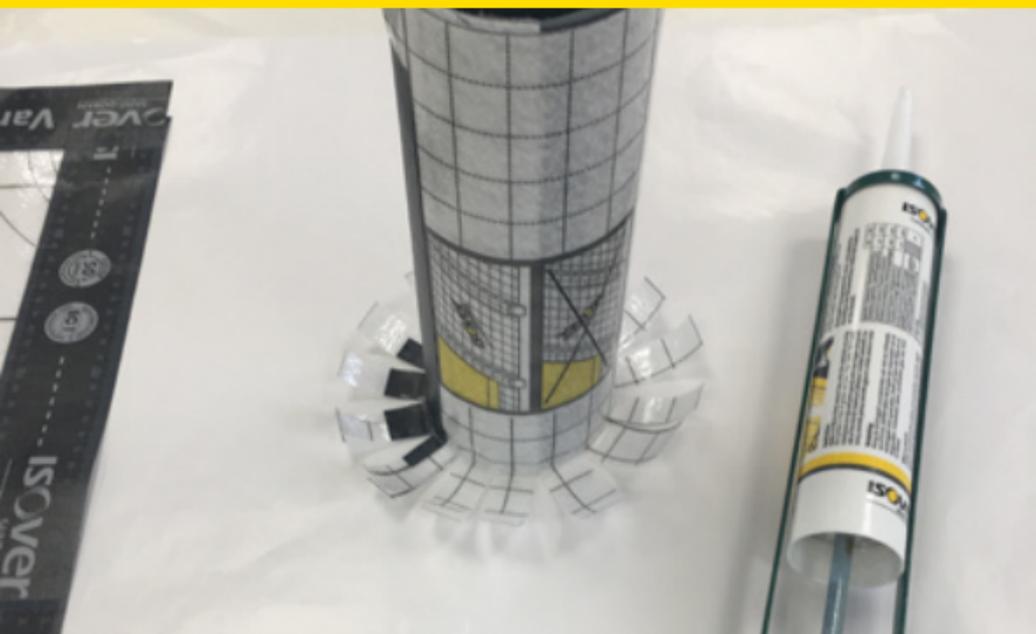
Cut out a circle 3-4mm inside the pen mark.

P4

Wrap the second piece of Vario® XtraSafe around the pipe template and tape the joint with the remaining piece of MultiTape SL.



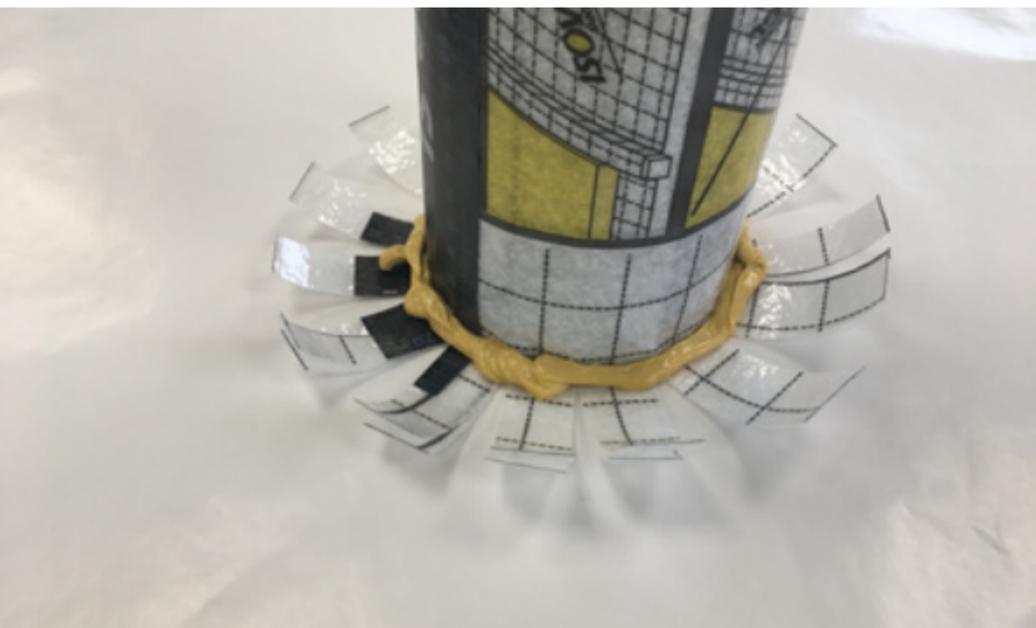
P5



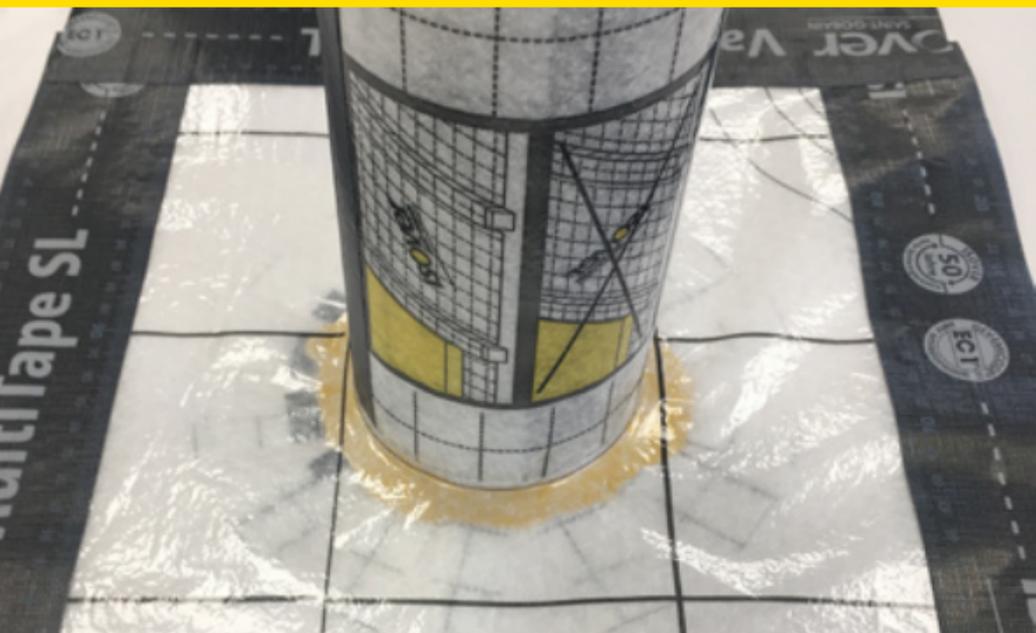
Slide the Vario® XtraSafe tube off the end of the pipe template by 50-70mm and cut strips of about 15mm around the perimeter of the tube.

P6

Splay the strips out on a flat surface and squeeze a bead of DS sealant around the edge of the tube.



P7

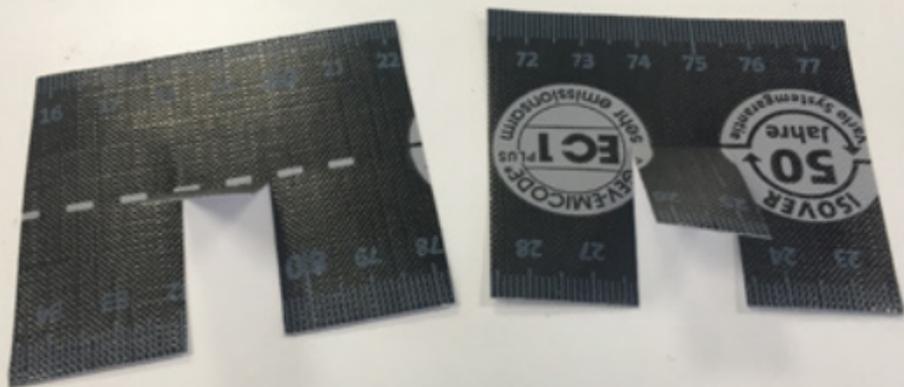


Push the other piece of Vario® XtraSafe over the pipe template and gently down onto the bead of DS sealant. Squeeze the bead of DS sealant with a finger all around the base. Leave the DS Sealant to cure for 24 hours before applying the collar to the pipe penetration. Cut down the collar tube as required.



Cable Penetrations

C1



Cut 2 short lengths of MultiTape SL. Cut a section in the centre of one half of each piece of the tape.

C2

Apply a bead of DS Sealant around the penetration.



C3



Apply 1 of the pieces of MultiTape SL from below the cable, wrapping the centre cut-out around the cable.

C4

Repeat step 3 with the 2nd piece of MultiTape SL from above the cable. Leave to cure for 24 hours before handling the cable.



To view the
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videos visit
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For more
information call
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