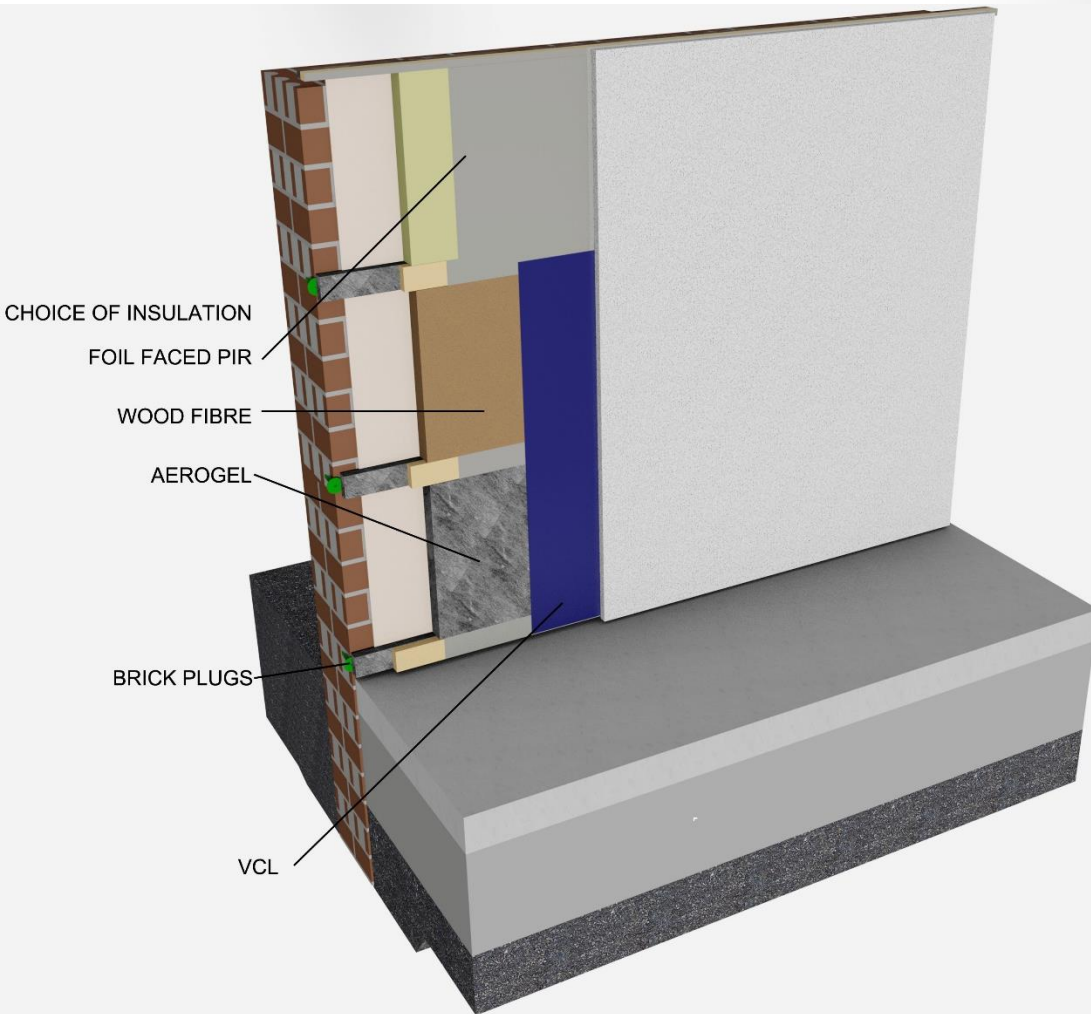


enviro-stud[®]

Internal Wall Insulation System

"The Insulation Choice is Yours"



- **Faster Installations.**
- **No thermal breaks in Insulation.**
- **Vapour Open Option.**
- **Vapour Closed Option.**
- **Different insulation types can be introduced.**
- **Curved or Angle Interfaces made easy.**



enviroform

enviro-stud[®]

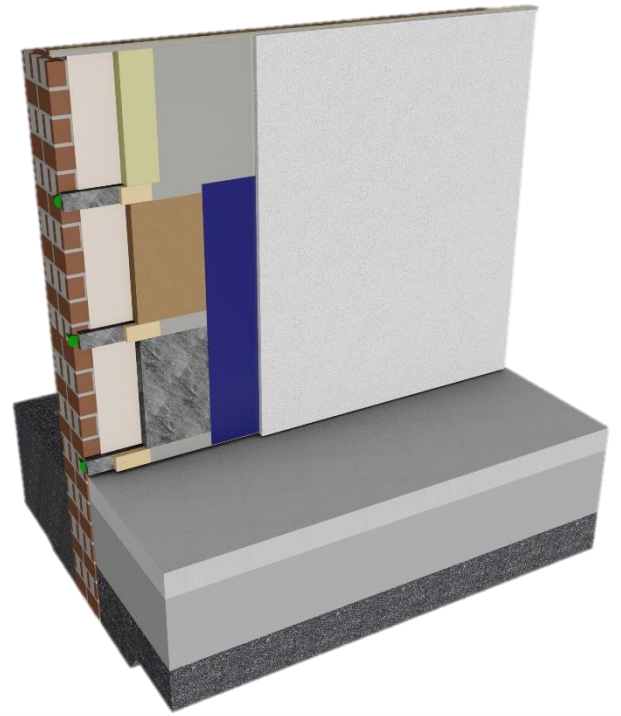
STEP 1

Fix **enviro-stud**[®]-Stud horizontally at 600mm vertical centres onto walls using plugs and screws. Starting at the bottom of the wall



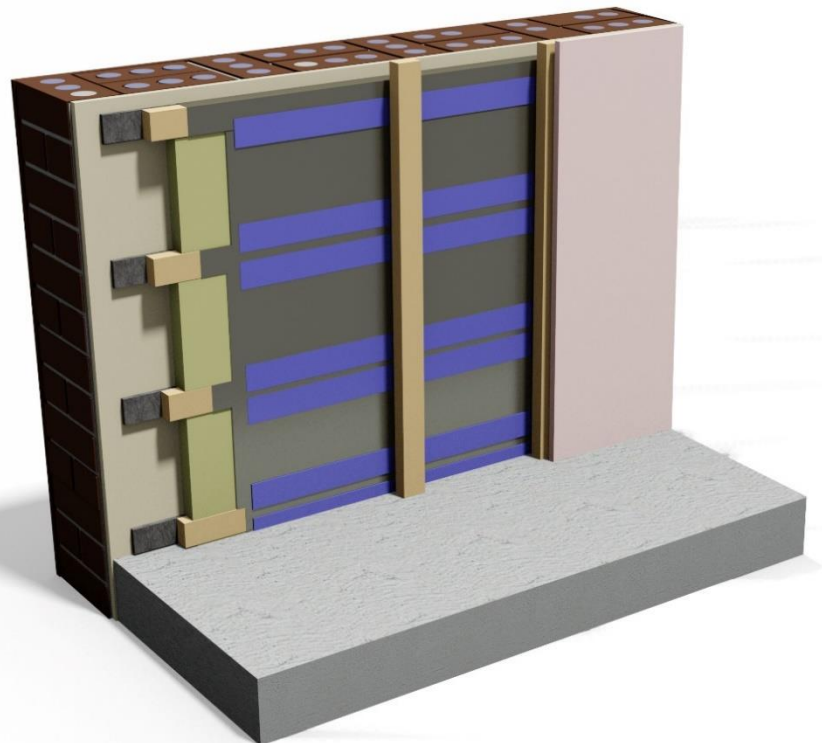
STEP 2

Add insulation of choice between Insulated studs



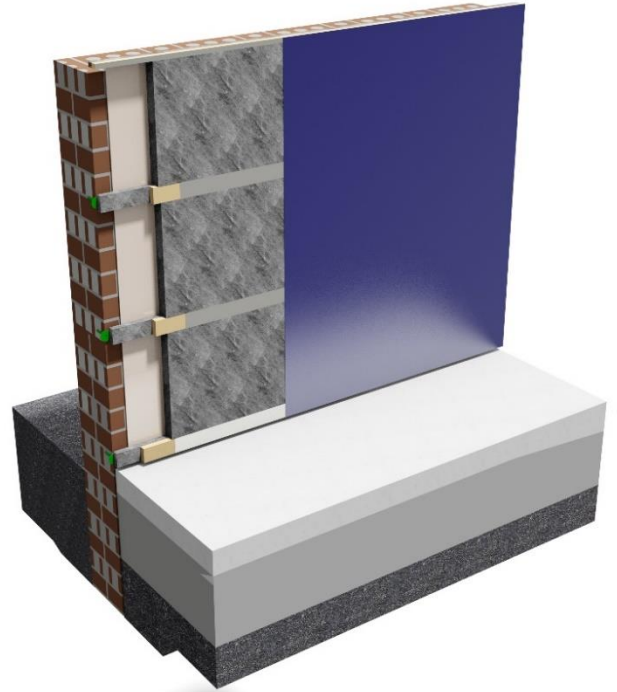
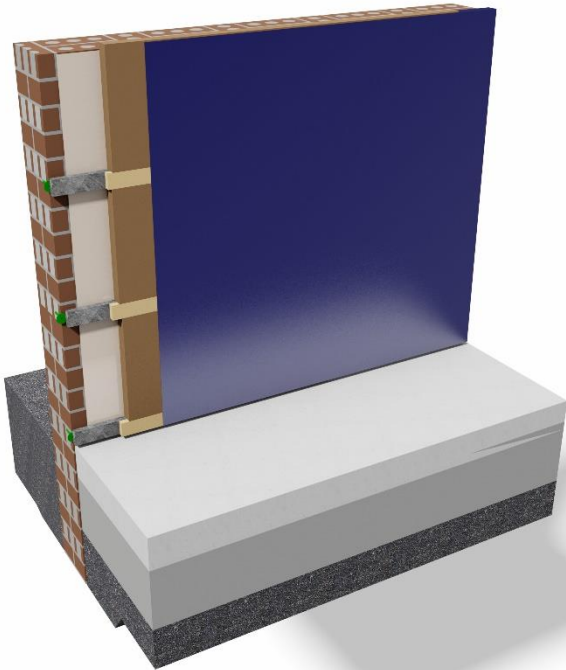
STEP 3 PIR ONLY

Tape all joints between studs and insulation with foil tape to create air & vapour tight seal.



STEP 4

Add VCL or Intelligent membrane to aerogel & wood fibre

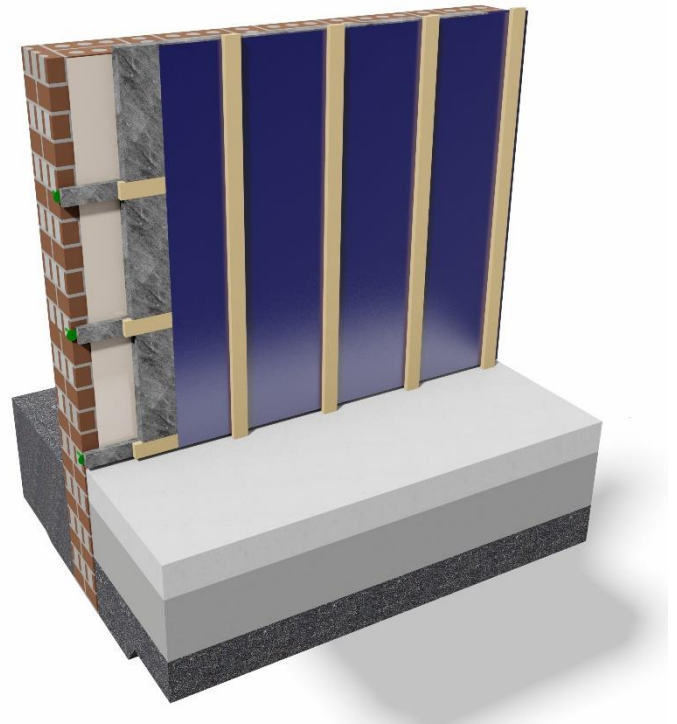
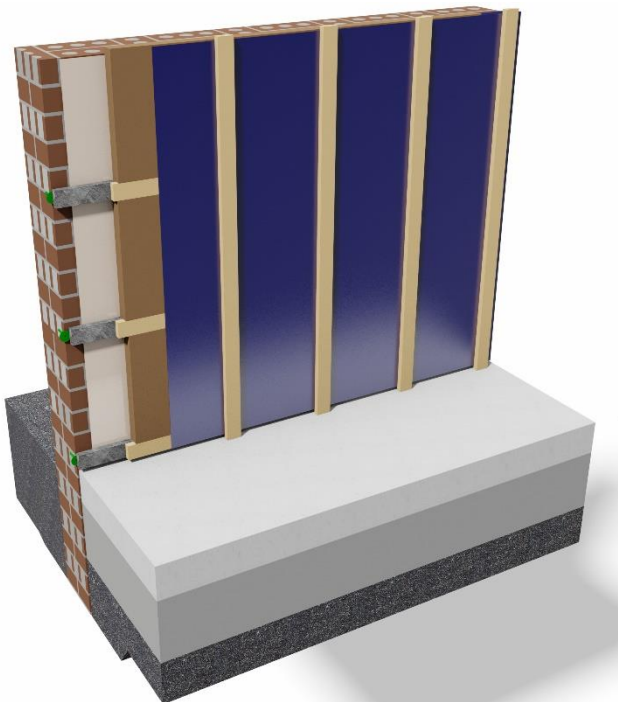


STEP 5

SKIP STEP IF SERVICE VOID IS NOT REQUIRED

Fix vertical batten at 600mm centres

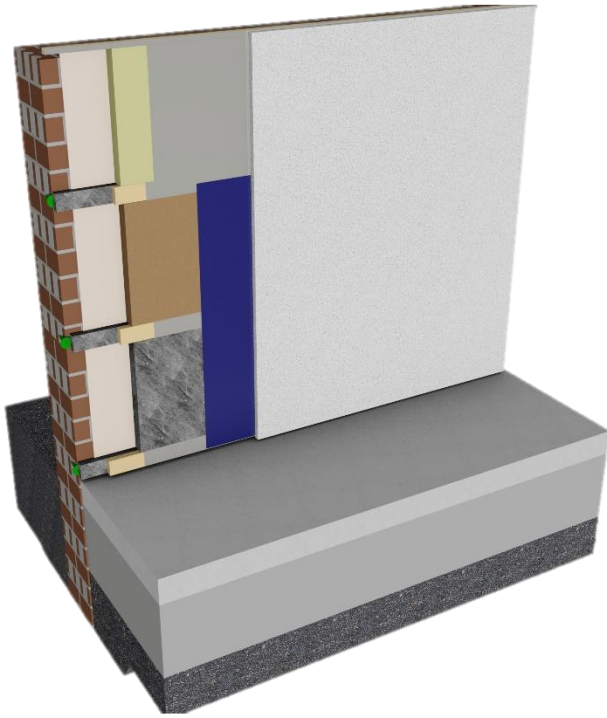
By creating a service void in front of the Vapour control Layer & insulation allows all services to be installed without the risk of vapour & heat loss



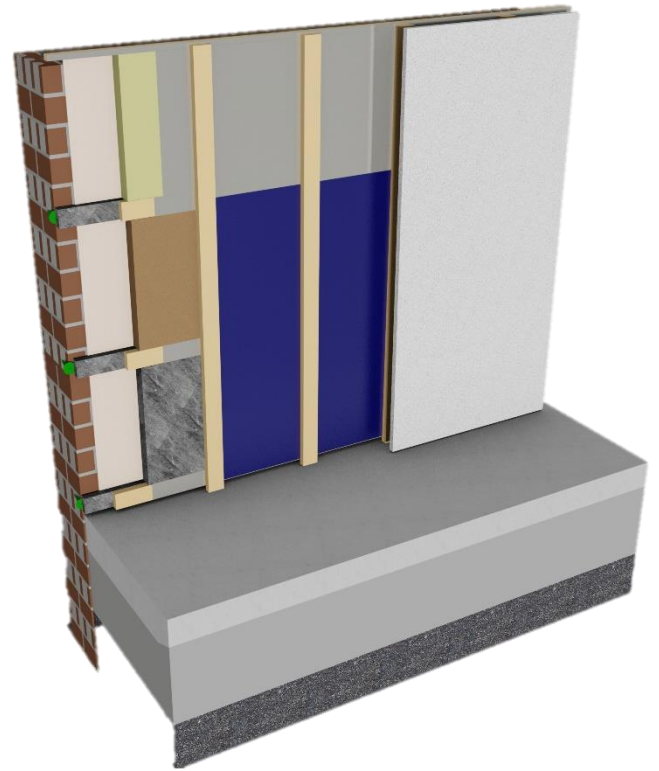
STEP 6

Add finish board

No Battens



Vertical Battens



enviro-stud without service void

enviro-stud with service void

SUPERSLIM (VAPOUR OPEN / MEMBRANE OPTIONAL)					
enviro-stud	Insulation space	U=Value No Service	O/A Thickness	U=Value Service	O/A Thickness
ES 10/20	30	0.35	39	0.35	64
ES 20/30	40	0.30	49	0.30	74
ES 20/30	50	0.27	59	0.27	84

SLIM (VAPOUR TIGHT)					
enviro-stud	Insulation space	U=Value No Service	O/A Thickness	U=Value Service	O/A Thickness
ES 20/20	40	0.42	52	0.34	77
ES 20/30	50	0.37	62	0.30	87
ES 20/40	60	0.30	72	0.26	97

225mm WALL					
NATURAL (VAPOUR OPEN / MEMBRANE OPTIONAL)					
enviro-stud	Insulation space	U=Value No Service	O/A Thickness	U=Value Service	O/A Thickness
ES 10/30	40	0.63	49	0.63	74
ES 20/40	60	0.47	69	0.47	94
ES 30/50	80	0.38	89	0.38	114
ES 40/60	100	0.31	109	0.31	134

600mm WALL					
NATURAL (VAPOUR OPEN / MEMBRANE OPTIONAL)					
enviro-stud	Insulation space	U=Value No Service	O/A Thickness	U=Value Service	O/A Thickness
ES 10/30	40	0.50	49	0.50	74
ES 20/40	60	0.38	69	0.38	94
ES 30/50	80	0.32	89	0.32	114
ES 40/60	100	0.28	109	0.28	134

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