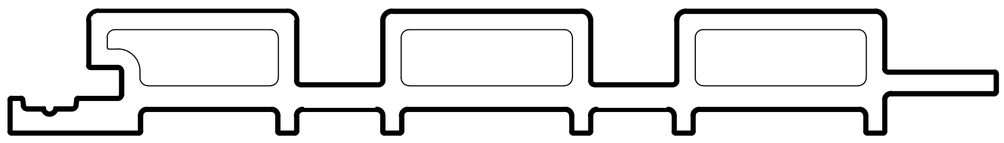
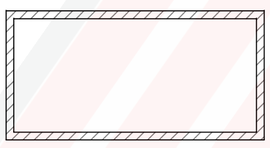
FLUTED PLANKS & TRIMS



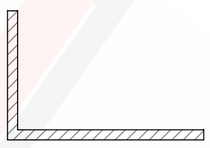
FLUTED-EWD190X24

TRIM-EWD57X10

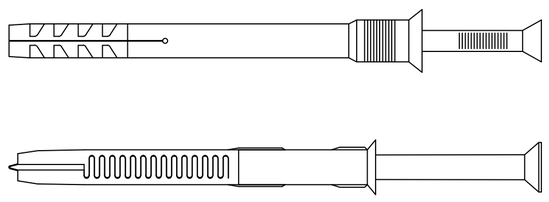
FLUTED CLADDING ACCESSORIES



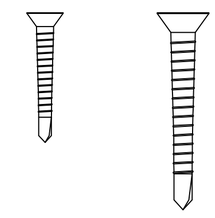
ALUMINUM JOIST
EWD50X25



ALUMINUM 'L' CLAMP
38X25X2MM THK

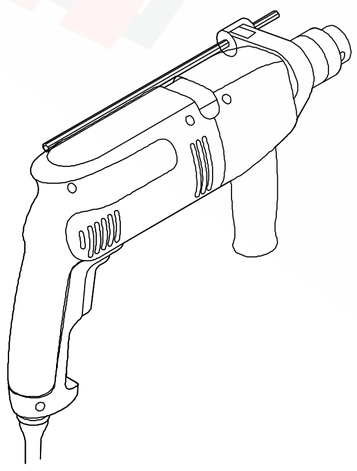


FISCHER - N SERIES
N8/60,N8/80,N8/120,
SXR10/80

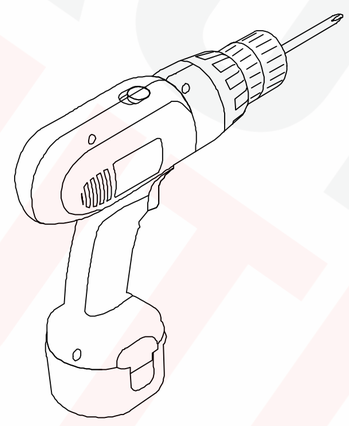


CORROSHIELD
SELF DRILLING
SCREWS
7X25 / 10X38 CSK

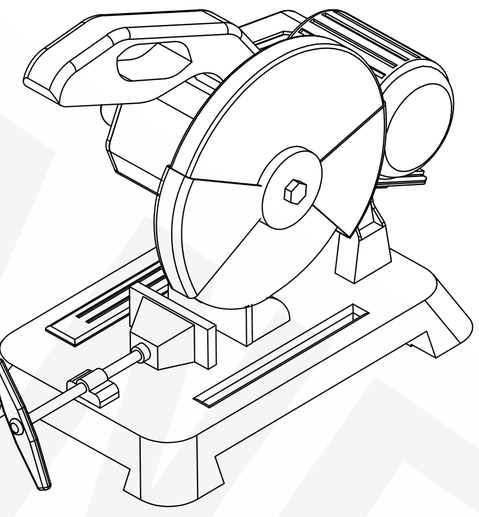
TOOLS AND SAFETY EQUIPMENTS



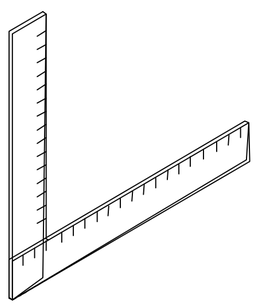
HEAVY DUTY
HAMMER DRILL



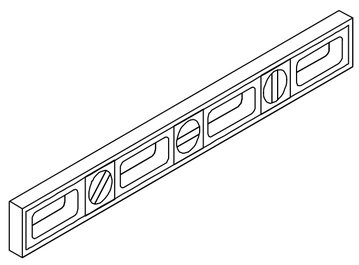
CORDLESS DRILL



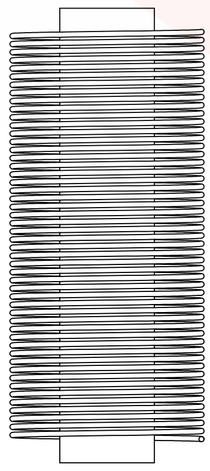
CIRCULAR
SAW



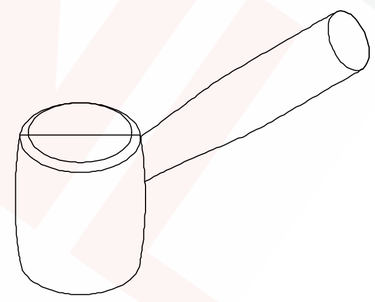
L-SQUARE



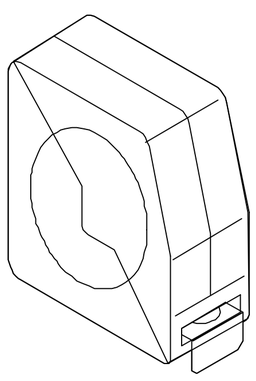
SPIRIT LEVEL



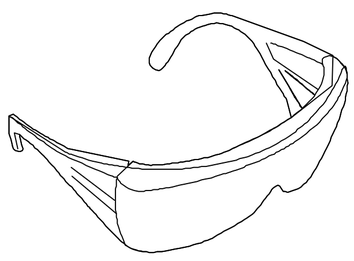
LINE THREAD



RUBBER
HAMMER



TAPE MEASURE

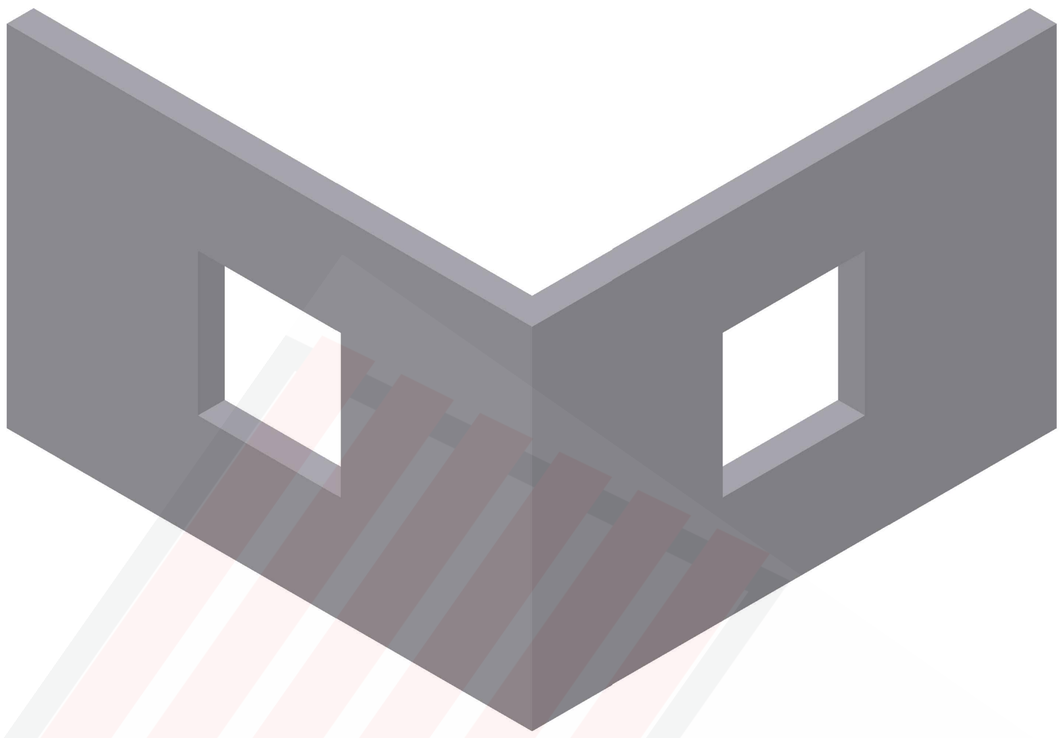


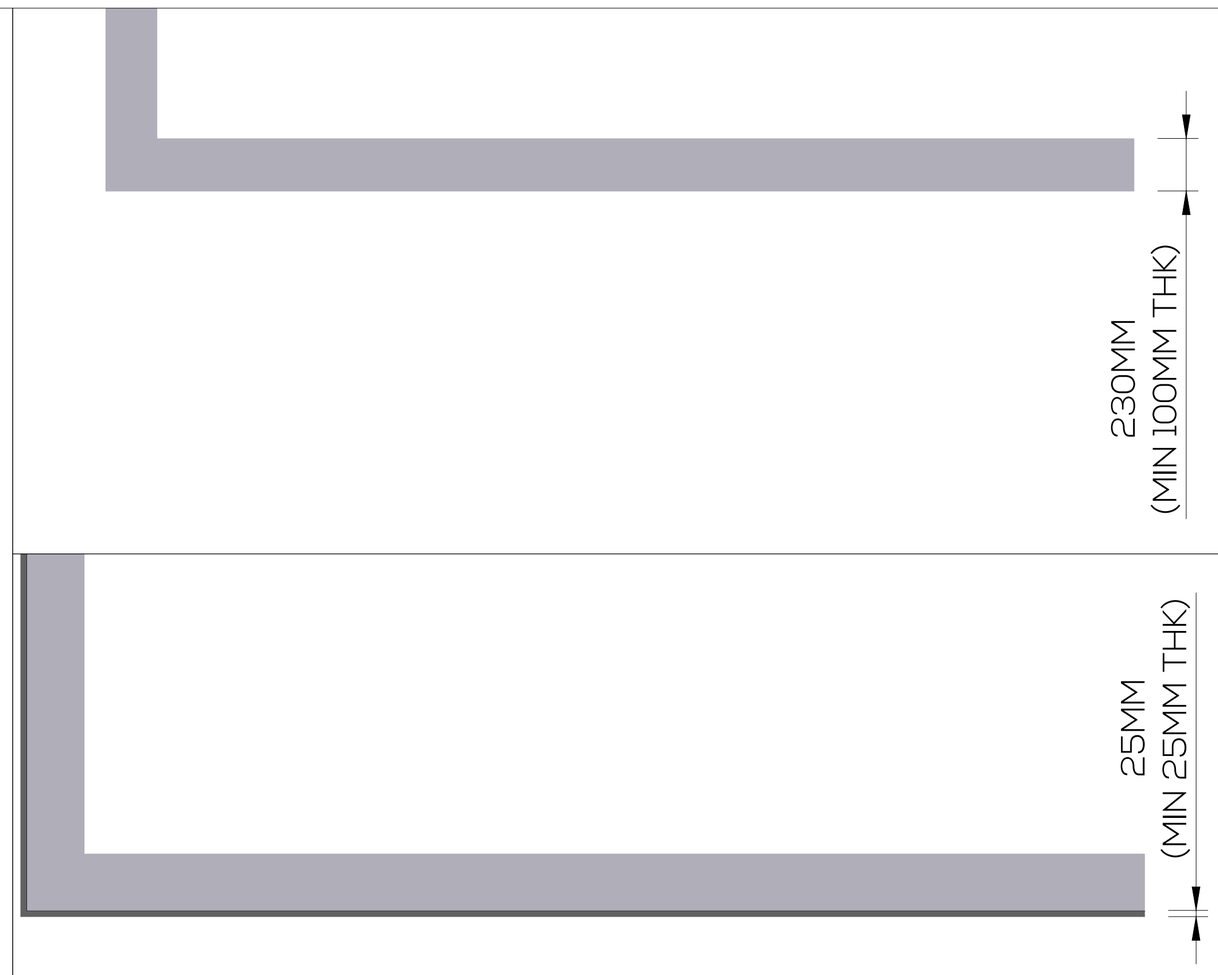
SAFETY GOGGLES

SAFETY GLOVES

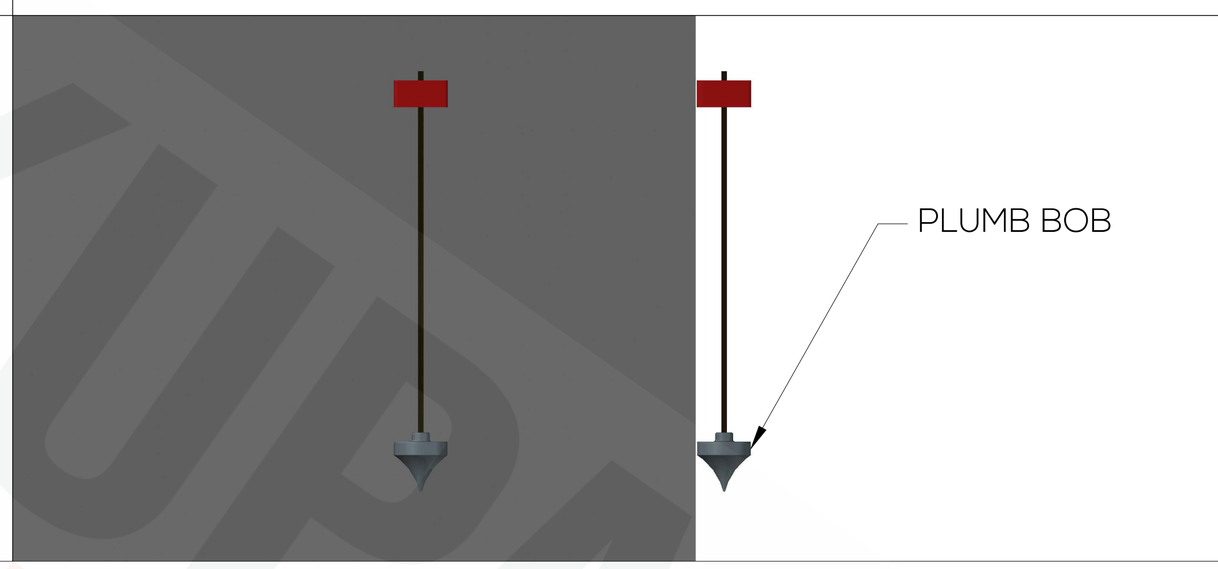
SITE PREPARATION DETAIL

1



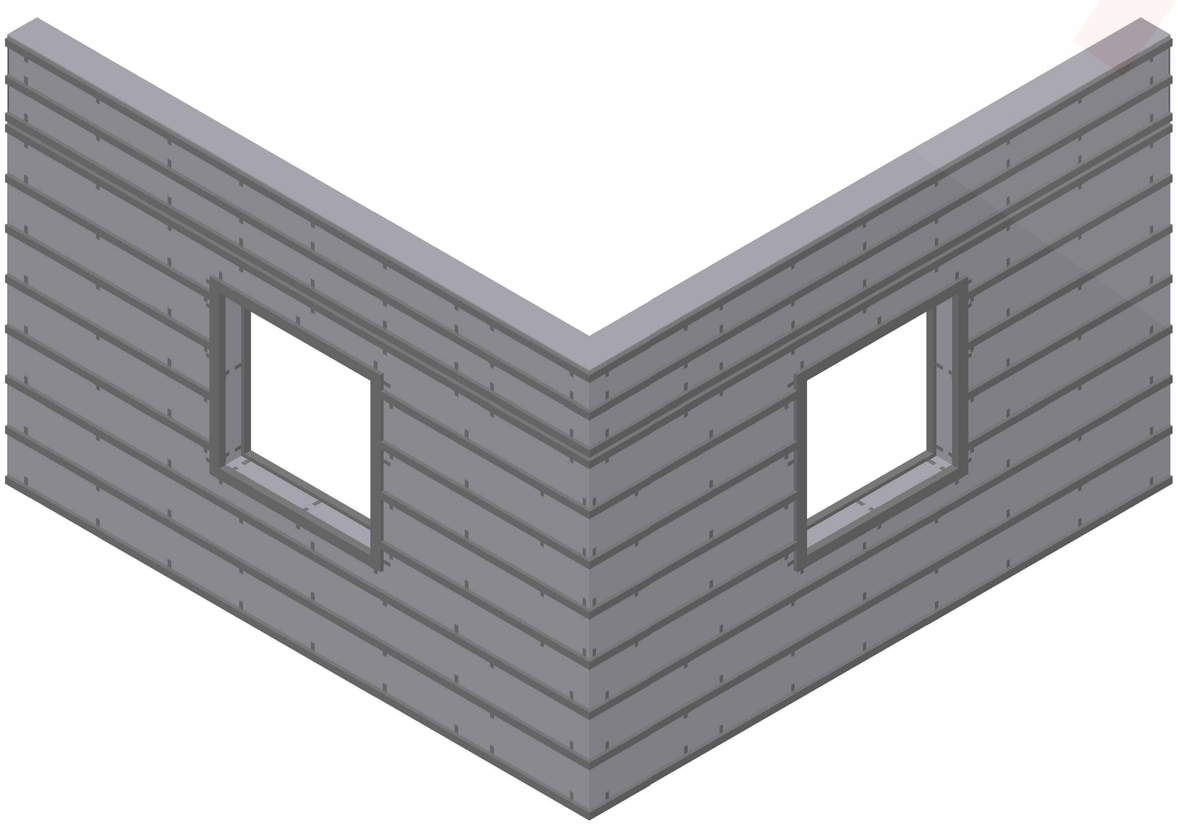


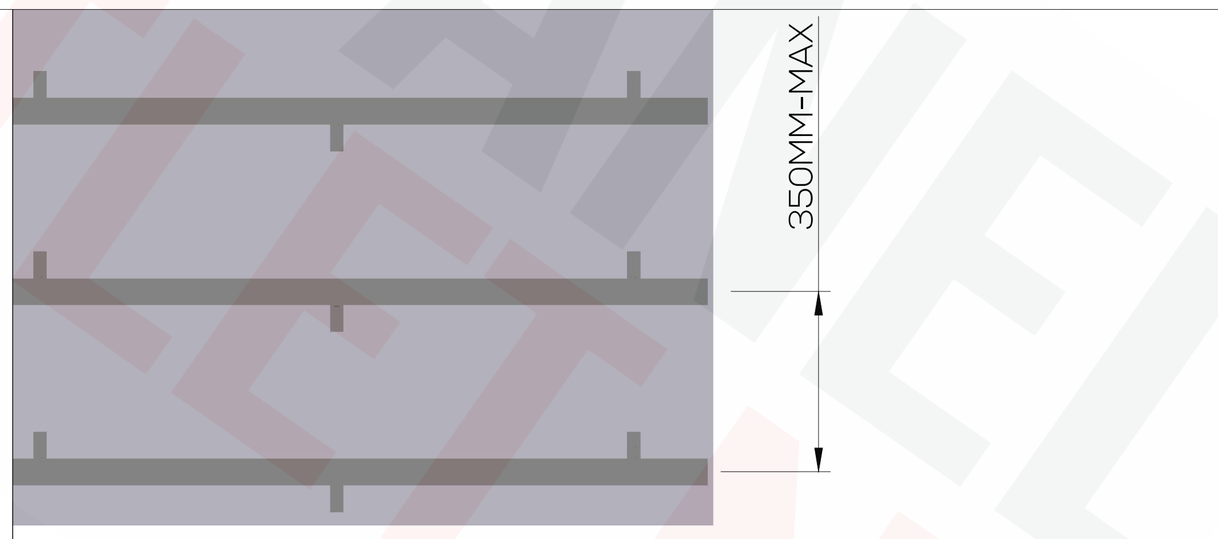
MAKE SURE THAT THE SURFACE AREA TO BE CLADDED IS FLAT AND STABLE FROM LOOSE MORTAR OR DEBRIS. THE CONCRETE OR BLOCK WALL SHOULD BE AT LEAST 100MM THICK AND PLASTERED WITH A LEVELLED FINISH. PLASTER SURFACE THICKNESS MUST BE AT LEASET 25MM THICK AND ALSO FINISHED LEVEL TO BE TRUE IN VERTICAL TO A PLUMB LEVEL. IF THE WALL STRUCTURE IS MADE OF HOLLOW BLOCKS PLEASE EVALUATE THE THICKNESS OF THE BLOCK SIDE WALL AND PLASTER THICKNESS WHILE CHOOSING THE REQUIRED FASTENERS.

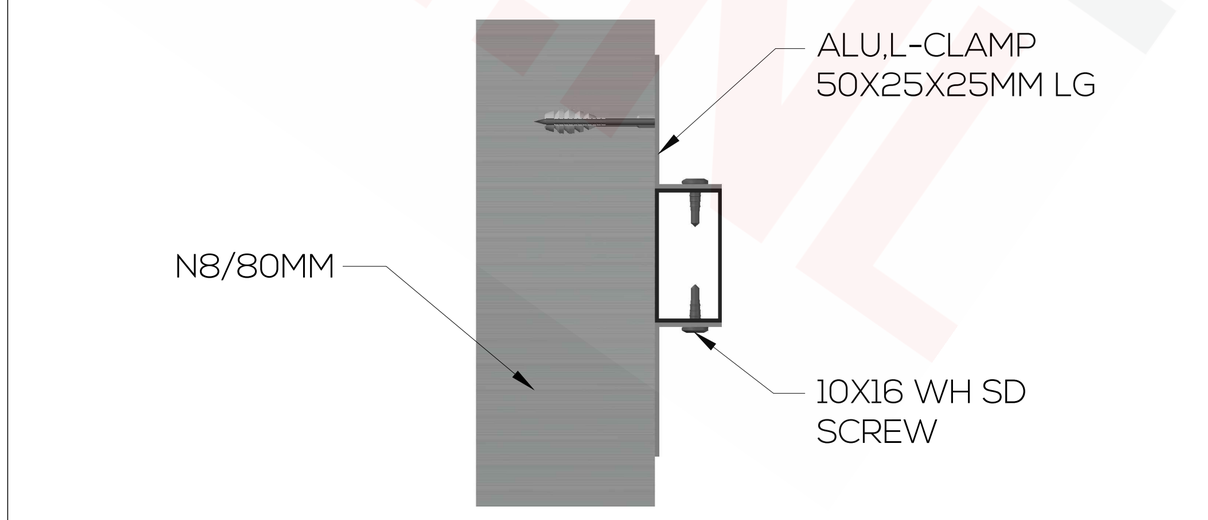


JOIST FIXING DETAIL

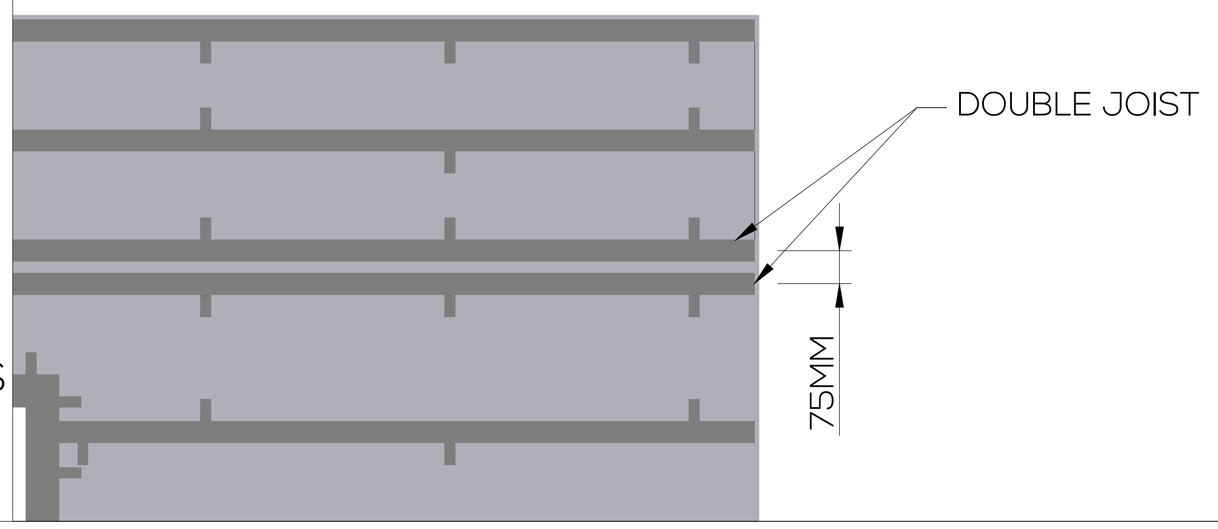
2





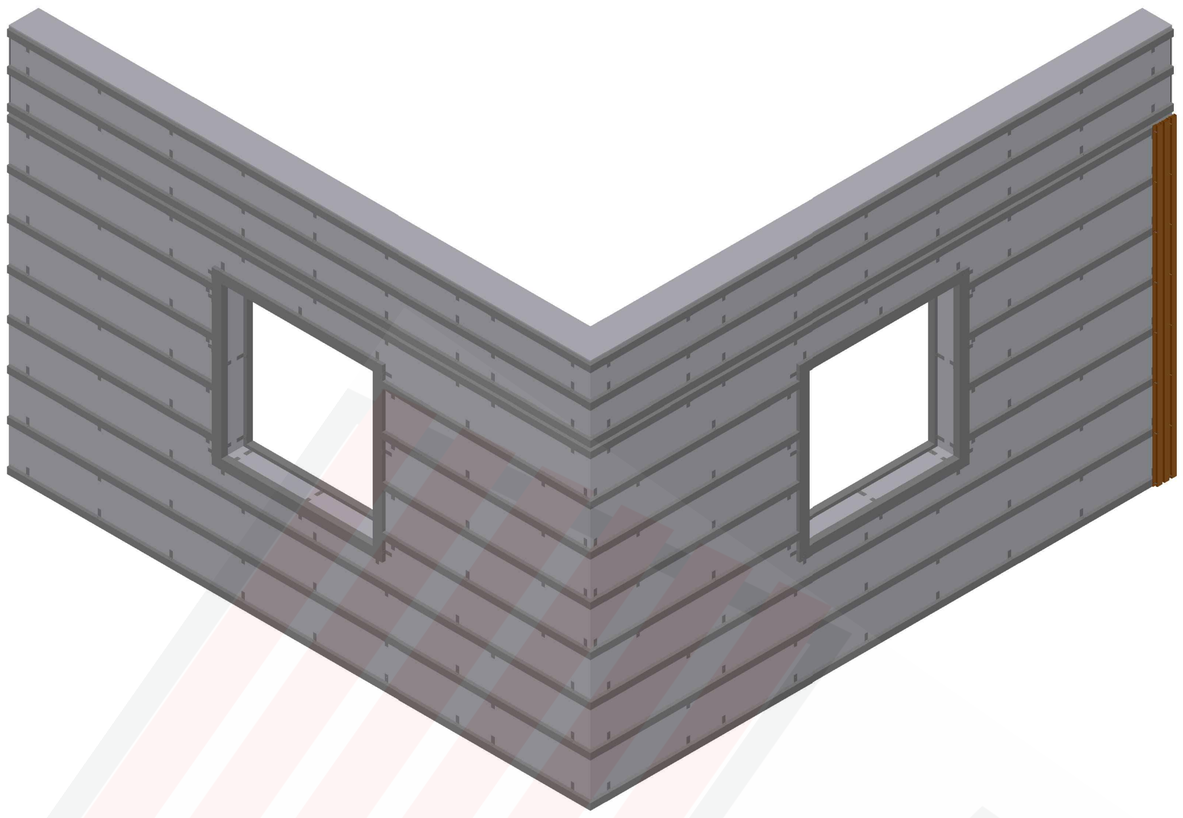


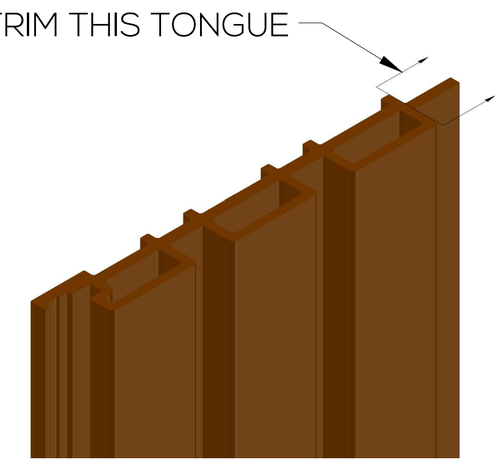
THE MAXIMUM RECOMMENDED SPACE / SPAN BETWEEN JOIST ROWS DEPENDS ON THE ANGLE AT WHICH YOU INTEND TO LAY THE BOARDS IN RELATION TO THE JOISTS, BUT SHOULD NEVER EXCEED 350MM CENTER TO CENTER. REFER THE DIAGRAM HERE AND USE 10X16 WH SD SCREWS TO CONNECT THE ALUMINUM JOIST TO THE 'L' CLAMP AND USE 8/80MM ANCHOR FASTENERS TO CONNECT 'L' CLAMP TO WALL AND CONCRETE EXPANSION ANCHORS ON BEAMS AND SLABS. ALWAYS USE DOUBLE JOISTS AT BOARD JOINTS.

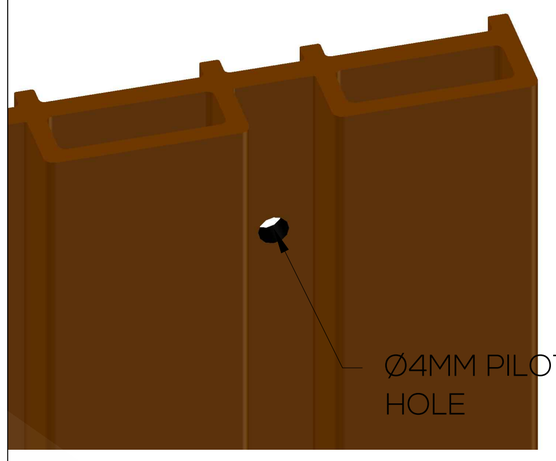


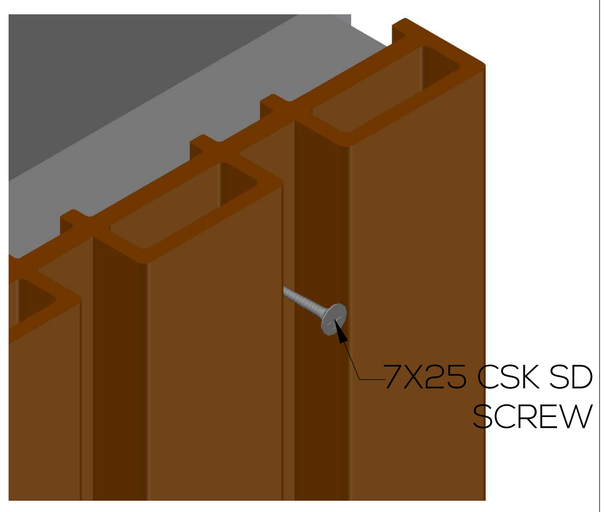
START BOARD FIXING DETAIL

3

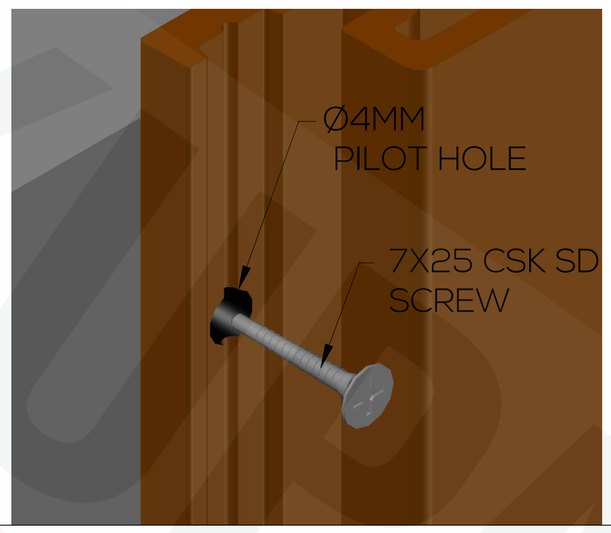


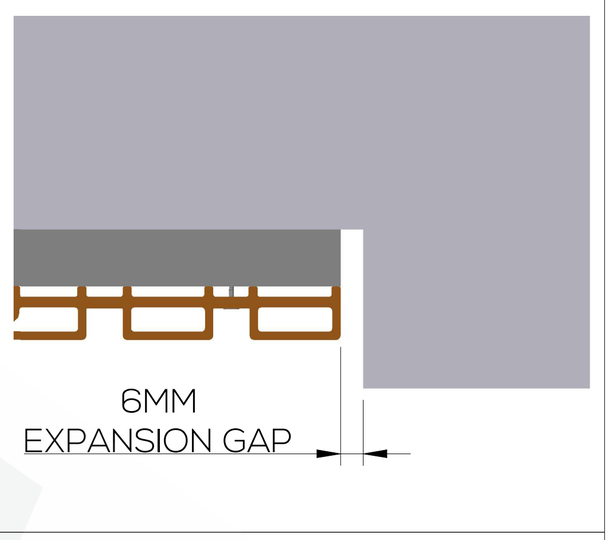






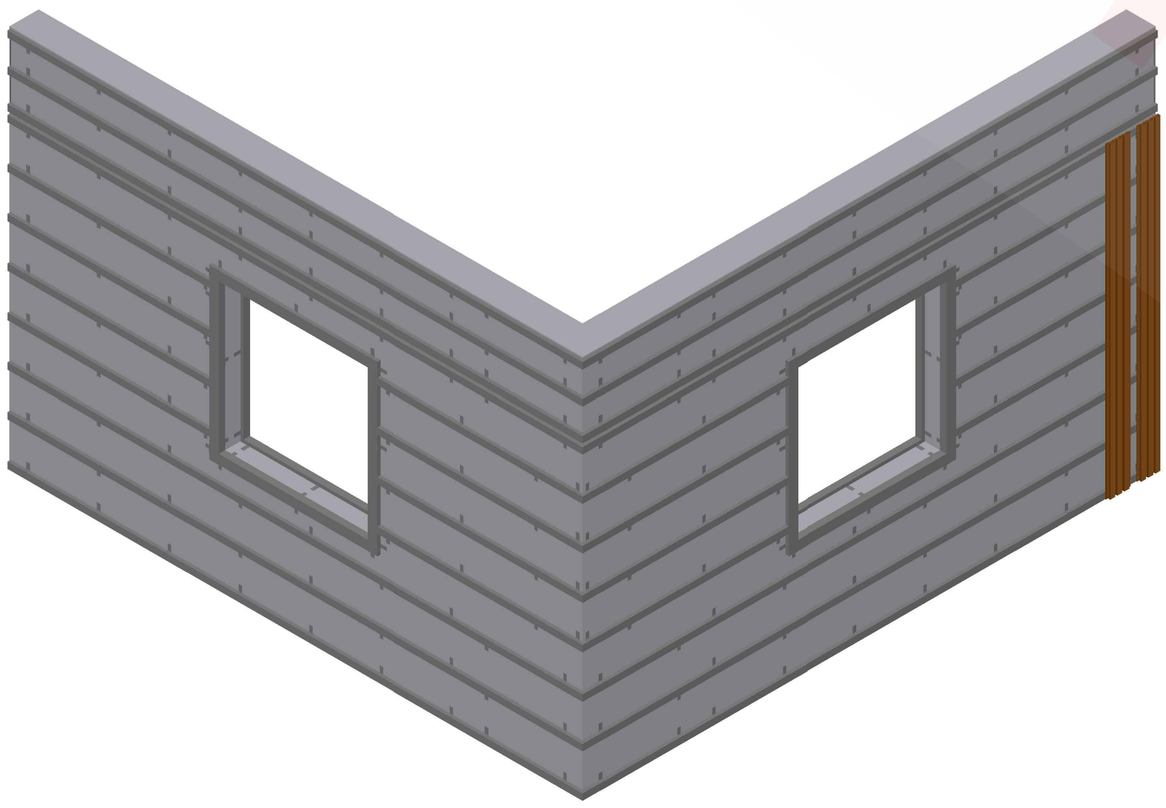
TRIM THE TONGUE OF THE FIRST BOARD AS REQUIRED AND SHOWN HERE. PLACE THE FIRST BOARD ON THE ALIMINIUM FRAMEWORK LEAVING A 6-8MM EXPANSION GAP FROM THE WALL / FLOOR OR CEILING. AFTER DRILLING PILOT HOLES 4MM DIAMETER LARGER THAN THE SELF DRILLING SCREWS FASTEN THE BOARDS TO THE FRAMEWORK WITH 7/25 SELF TAPPING SCREWS BETWEEN THE FIRST & SECOND FLUTE. SECURE THE BOARD TO THE ALUMINUM FRAMEWORK WITH A SCREW AT EVERY JOIST THROUGH A 4MM LARGER DIAMETER PILOT HOLE AS SHOWN.

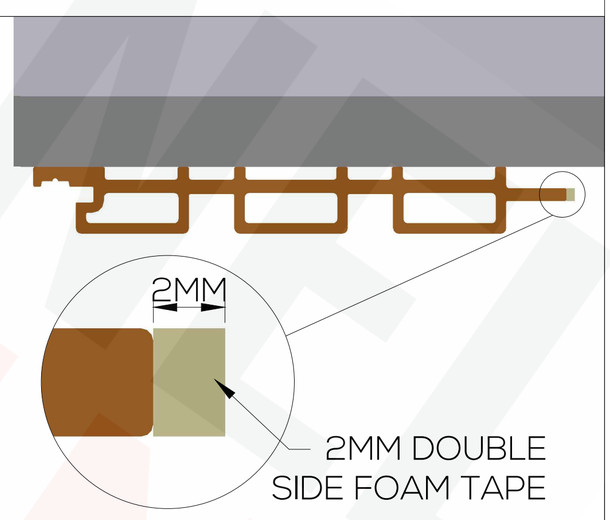


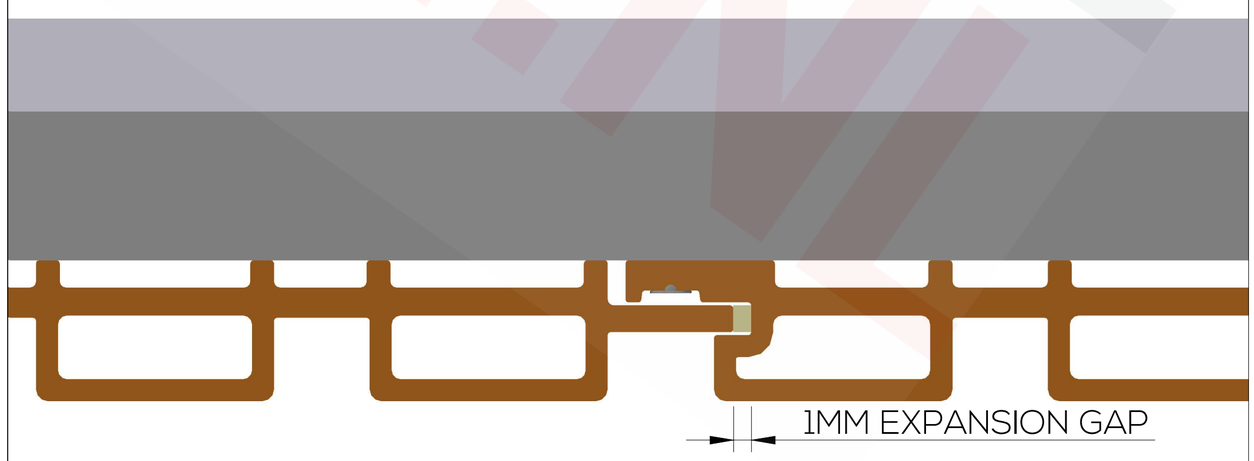


LATERAL EXPANSION GAP TAPE DETAIL

4

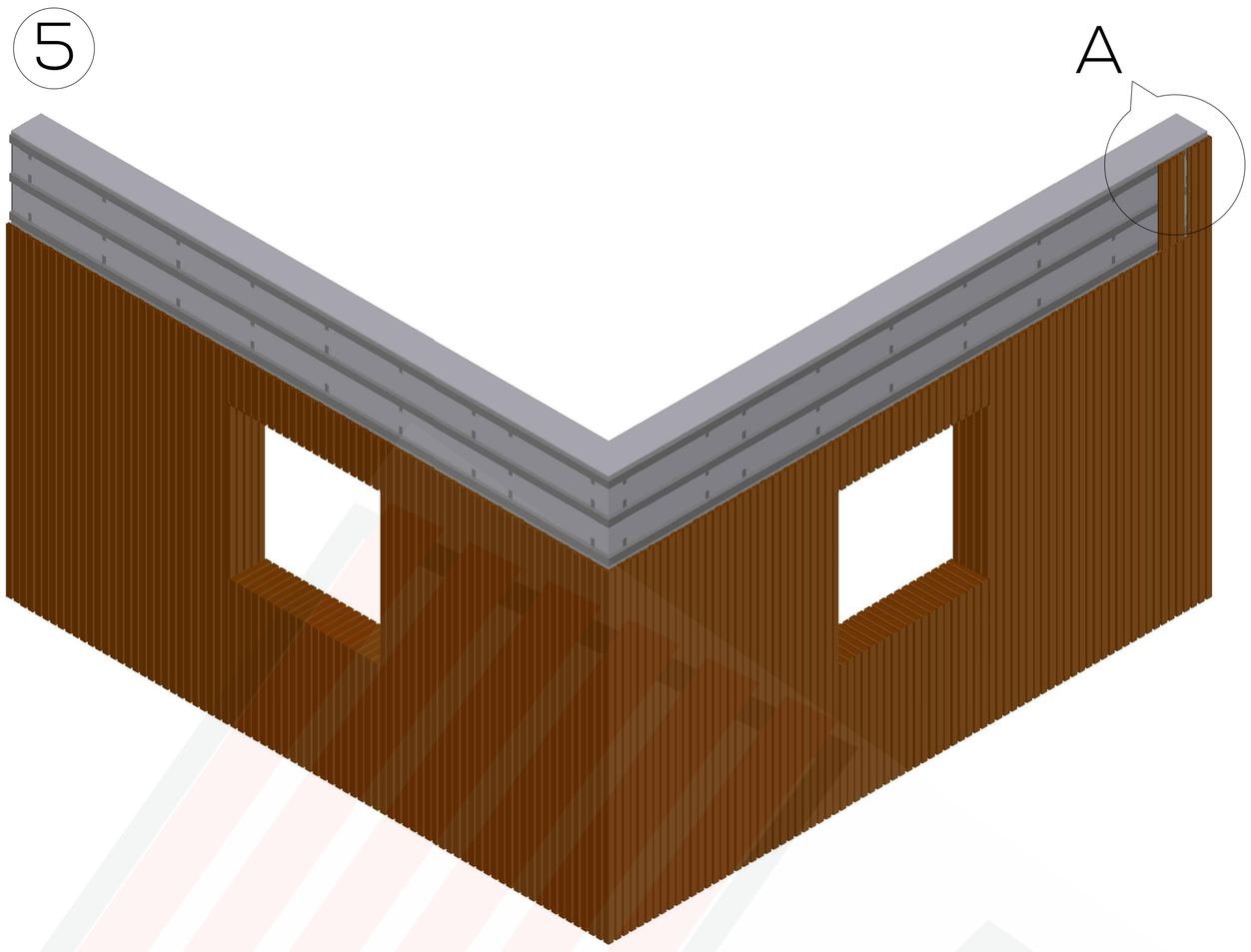


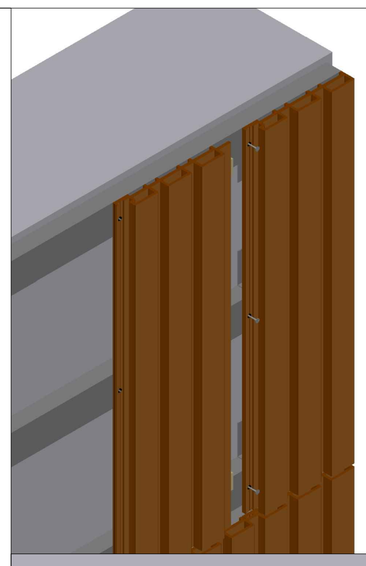


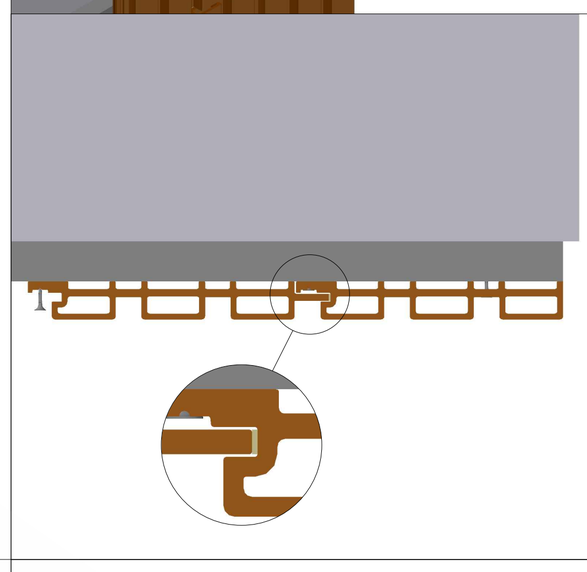


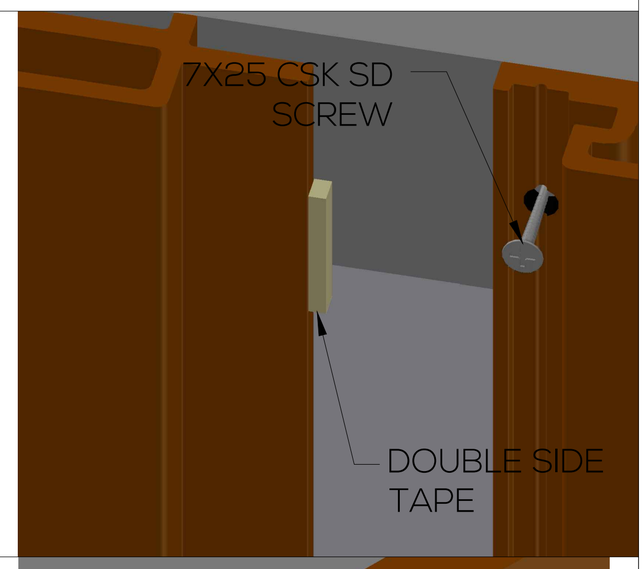
BEFORE FIXING THE SECOND BOARD YOU MUST PASTE THE 4MM WIDTH X 25MM LENGTH X 2MM THICK DOUBLE SIDE FOAM TAPE ONTO THE SECOND BOARD TONGUE (PLEASE REFER THE DIAGRAM). FOR 2440MM LENGTH BOARD USE 5 PIECES OF FOAM TAPE AND INSERT THE SECOND BOARD TONGUE ONTO THE FIRST BOARD GROOVE FIRMLY. FOR SHORTER LENGTH OF BOARDS PLACE A FOAM TAPE AT 600 - 800 MM INTERVALS.

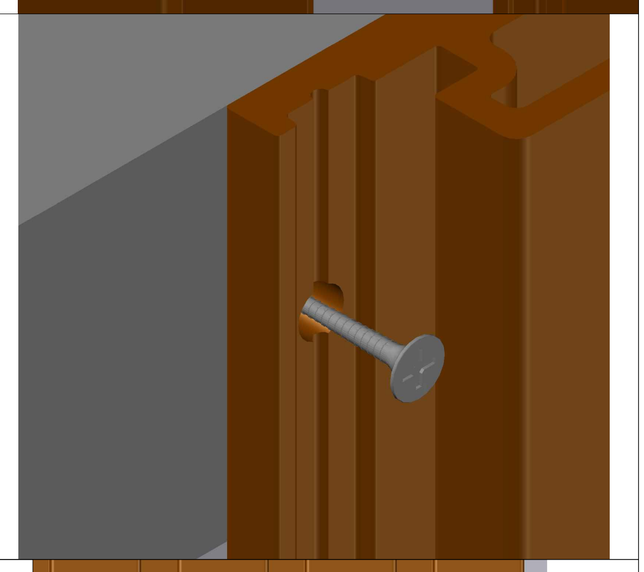
SECOND AND FURTHER BOARD FIXING DETAIL



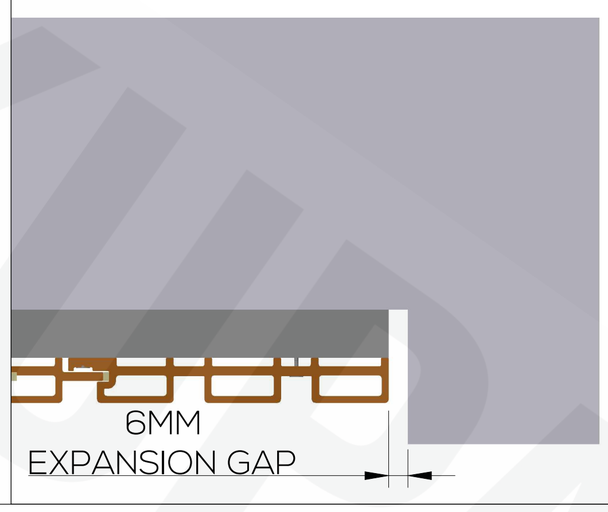


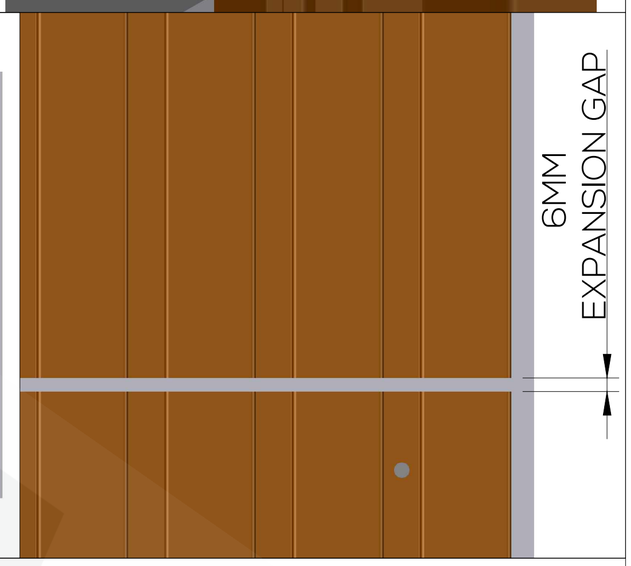




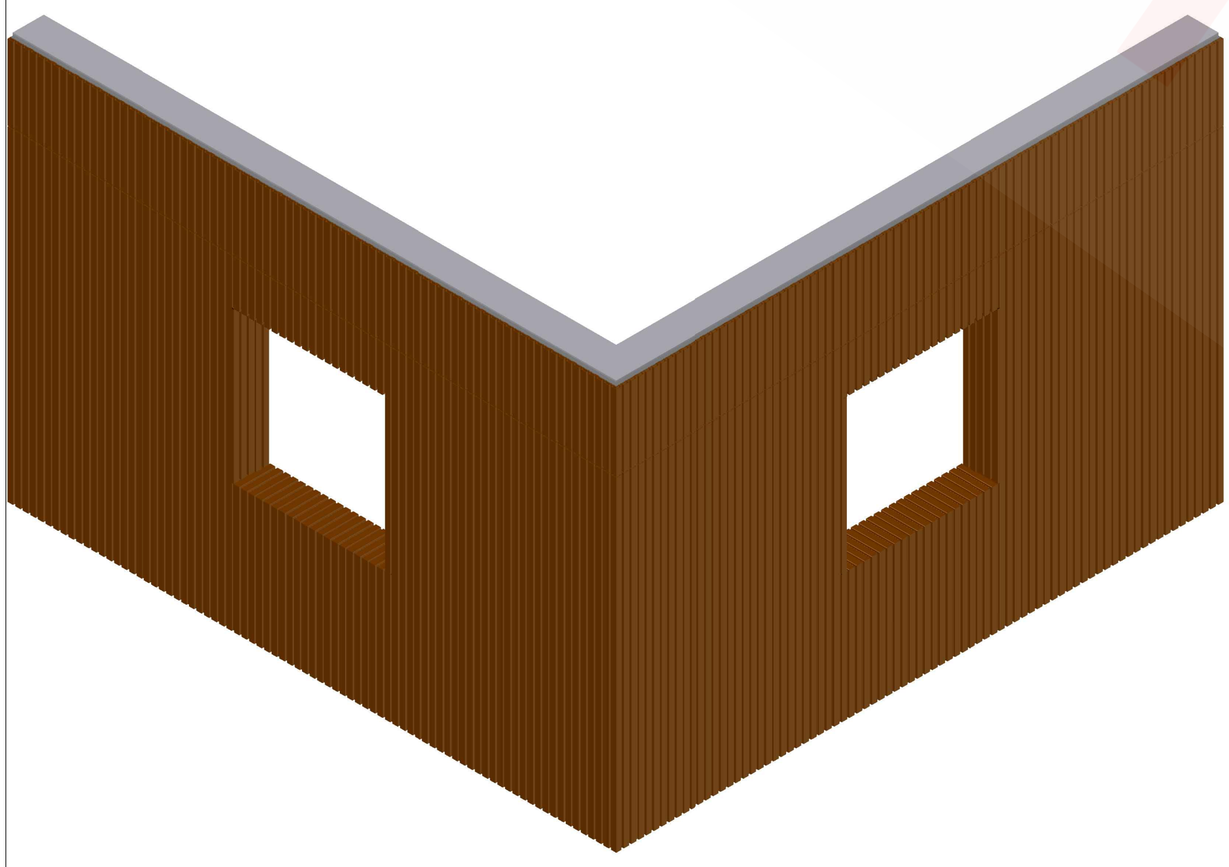


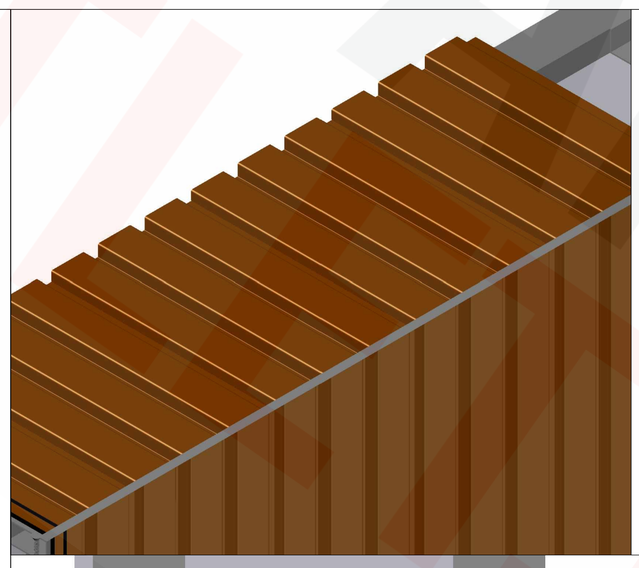
AFTER FIXING THE DOUBLE SIDE TAPE TO THE TONGUE OF THE FIRST BOARD INSERT THE SECOND / NEXT BOARD'S GROOVE INTO THE FIRST / PREVIOUS BOARD'S TONGUE FIRMLY AND FASTEN THE BOARD TO THE ALUMINUM FRAME WITH 7X25 SELF DRILLIING SCREWS THROUGH PILOT HOLES DRILLED 4 MM WIDER THAN THE SCREW DIAMETER. THE BOARDS HAVE TO BE FASTENED TO EVERY ALUMINUM JOIST. DO NOT OVERTIGHTEN THE GAPS BETWEEN BOARDS OR FASTNER SCREWS. MAINTAIN THE SAME 6-8MM GAPS FROM WALLS AND BETWEEN BOARDS ALLOWING THE BOARDS TO EXPAND WITH TEMPERATURE CHANGE

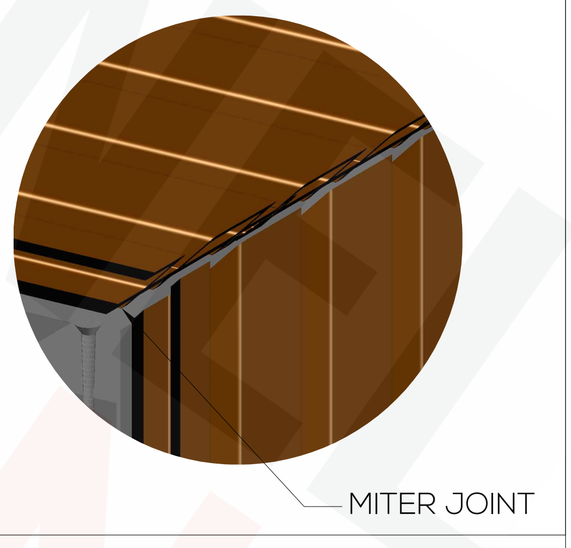


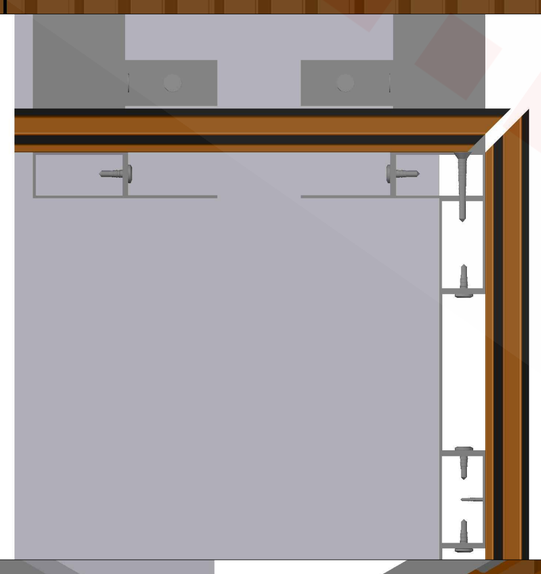


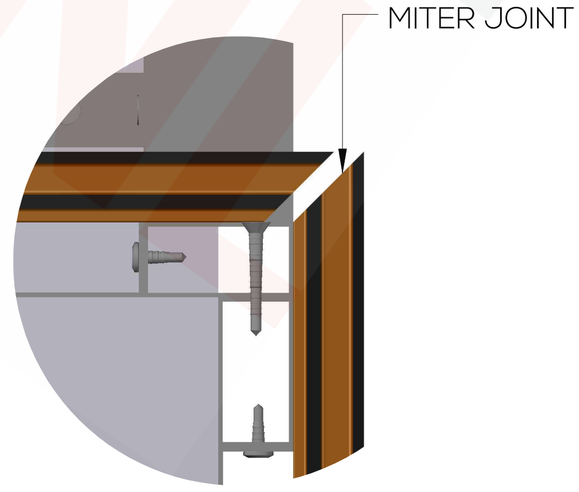
MITER JOINT DETAIL



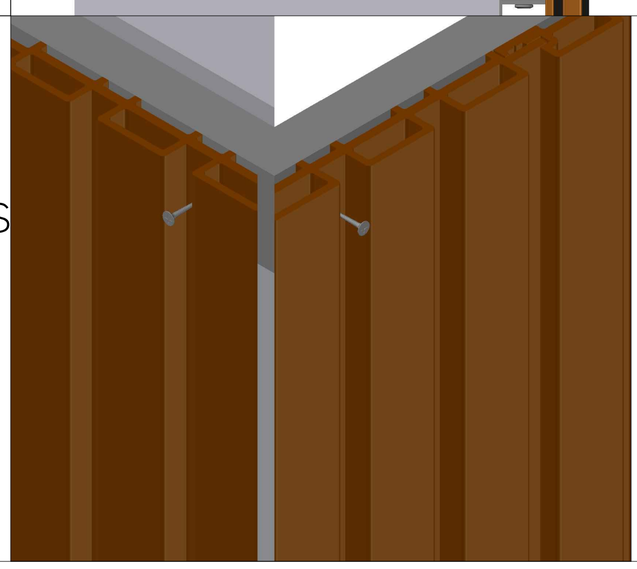


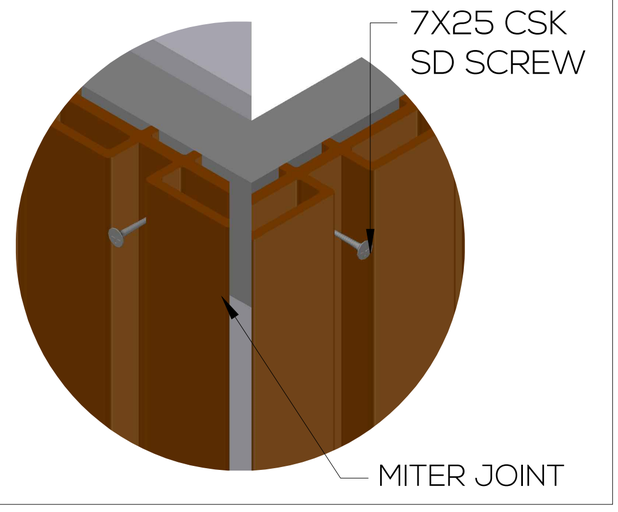






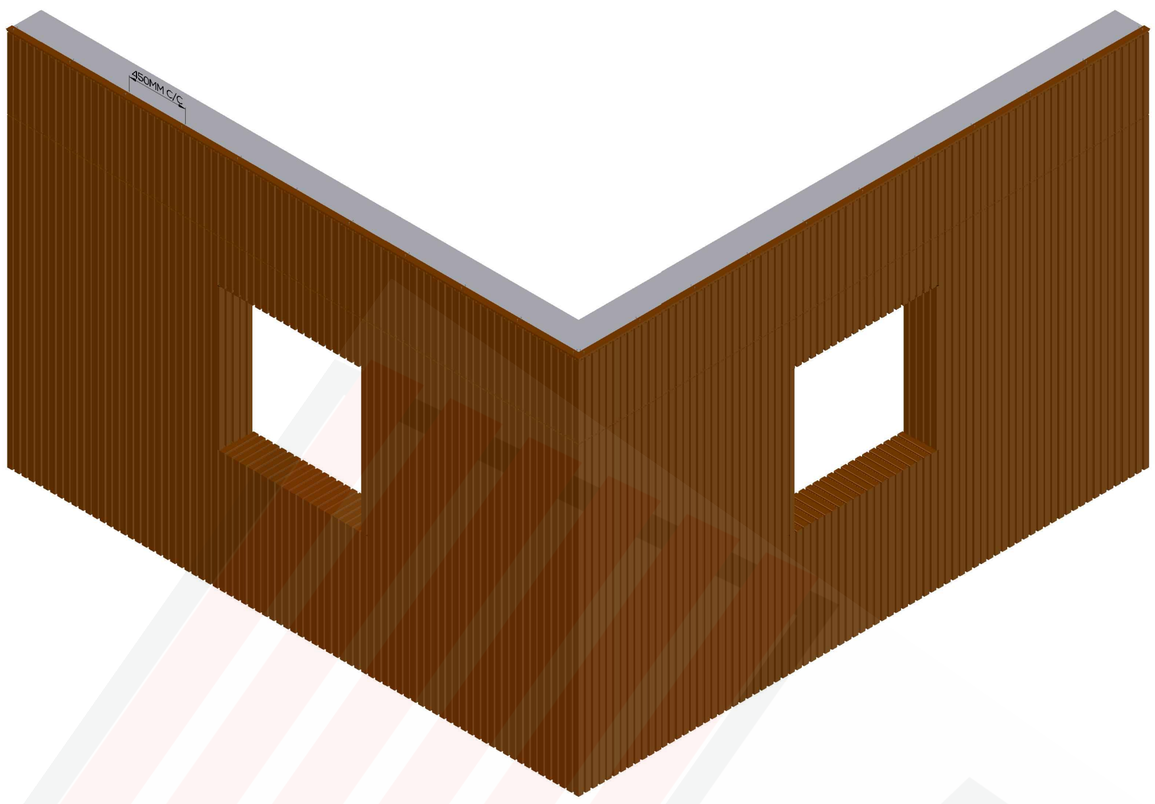
AT WALL CORNERS, JAMBS AND SILLS, ANGLE CUT THE BOARDS AT 45 DEGREES AS SHOWN IN THE DIAGRAM AND FIX THEM TO THE OUTER JOISTS OF THE ALUMINUM FRAME WITH 7X25 SELF DRILLIING SCREWS THROUGH PILOT HOLES DRILLED 4 MM WIDER THAN THE SCREW DIAMETER. IT IS NOT NECESSARY TO LEAVE AN EXPANSION GAP AT THE MITER JOINT.

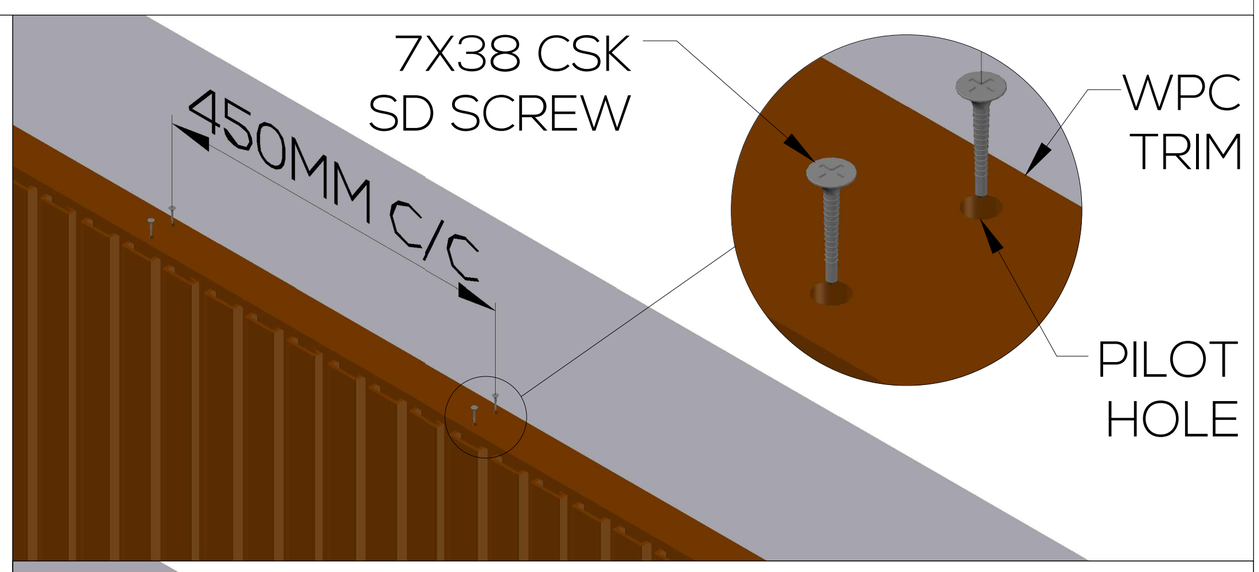




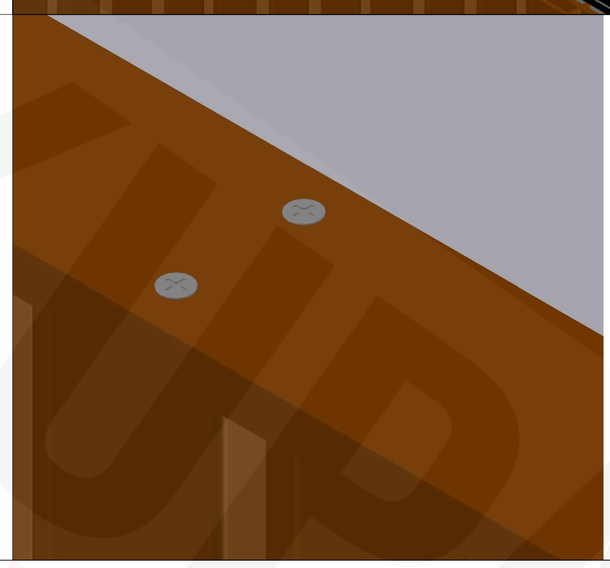
EDGE TRIM FIXING DETAIL

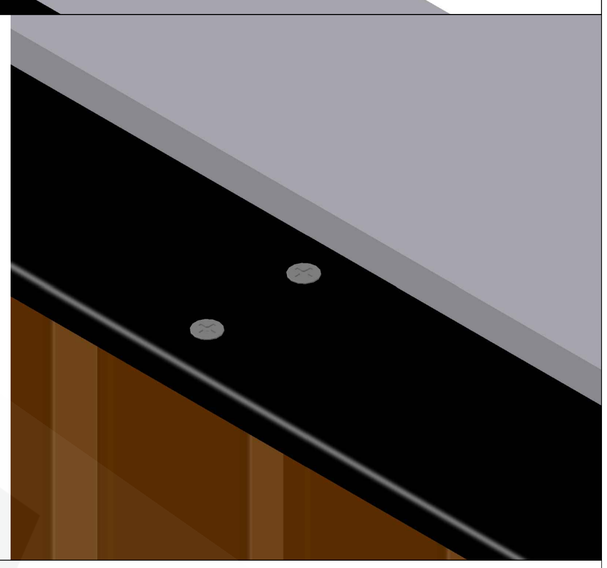
7





USE WPC OR ALUMINUM TRIMS TO COMPLETE THE SIDES AND TOP OF THE CLADDING TO COVER THE HOLLOW CAVITY & EDGES OF THE COMPLETED CLADDING. USE 7X38 SD SCREWS TO FASTEN THE TRIMS ONTO THE JOIST AT INTERVALS NOT EXCEEDING 400 MM FROM SCREW TO SCREW





DO'S

1. HAVING TAKEN DELIVERY OF YOUR BOARDS / PROFILES, WE RECOMMEND YOU ALLOW THEM A DAY TO ADJUST TO THE EXTERIOR AMBIENT TEMPERATURE AND CONDITIONS BEFORE STARTING WORK.
2. YOUR COMPOSITE BOARDS AND PROFILES CAN BE WORKED WITH NORMAL WOODWORKING TOOLS AND RECOMMEND USING A WOOD SAW WITH A FINE-TOOTH BLADE TO CUT BOARDS TO SIZE.
3. WHEN CUTTING, CARE SHOULD BE TAKEN TO ENSURE THE BOARDS ARE PROPER SUPPORTED.
4. ALWAYS FINISH BURRS OR UNFINISHED CUT EDGES WITH SAND PAPER TO SMOOTHEN SURFACES AND EDGES.
5. WPC EXPANDS AND CONTRACTS WITH TEMPERATURE CHANGE. PLEASE ENSURE TO MAINTAIN 6-8 MM GAPS FROM FLOORS WALLS, CEILING AND BETWEEN PANELS TO ALLOW FOR DIMENSIONAL CHANGES.
6. ALWAYS USE ANTI-CORROSIVE HARDWARS, FIXTURES AND FASTNERS WHILE INSTALLING YOUR WPC.

DONT'S

1. WE DO NOT RECOMMEND INSTALLING WPC IN VERY HOT OR COLD WEATHER.
   DO NOT USE CHISELS OR OTHER SHARP TOOLS THAT REQUIRE IMPACT WHILE WORKING WITH WPC, ALWAYS USE A SAW.
2. DO NOT USE NAILS TO FASTEN WPC. ALWAYS USE SELF DRILLING SCREWS.
3. NEVER OVERTIGHTEN FASTNERS OR SCREWS WHILE INSTALLING WPC.
4. DO NOT USE STRONG CORROSSIVE CHEMICALS OR BLEACH TO CLEAN WPC.