STRUCTURAL NOTES

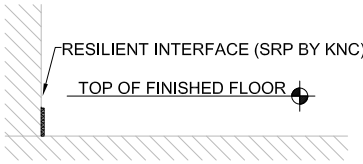
CONCRETE STRUCTURAL SLAB F- NUMBERS
F_F - FLOOR FLATNESS NUMBER
SPECIFIED OVERALL VALUE = 38
MINIMUM LOCAL VALUE = 25

WOOD SUBFLOORS TO BE FREE OF WEAK SPOTS AND VOIDS, SQUEAKS, AND PROTRUDING FASTENERS.

ACOUSTIC NOTE

INSTALLER TO ENSURE NO HARD CONTACT BETWEEN THE ISOLATED FLOOR, ITS SUPPORTED ELEMENTS AND NON-ISOLATED STRUCTURES OR SYSTEMS.

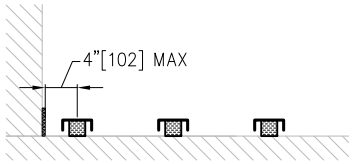
①



STRIKE ISOLATED FLOOR GRADE AND ADHERE RESILIENT INTERFACE (SRP BY KNC) TO PENETRATIONS AND ALL PERIMETER LOCATIONS.

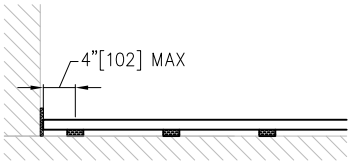
ISOLATED FLOORS WILL NOT COMPENSATE FOR AN UNLEVEL OR IRREGULAR STRUCTURAL SURFACE.

②



LAYOUT CHANNEL (FIC BY KNC) RUNS FOLLOWING SHOP DRAWING LAYOUT.

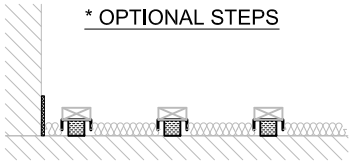
②A



TRIM ENDS OF CHANNEL AND ADHERE PADS AS NECESSARY TO MAINTAIN 4" PERIMETER CANTILEVER.

LEAVE 1/8" TO 1/4" (MAXIMUM) GAP BETWEEN CHANNEL ENDS.

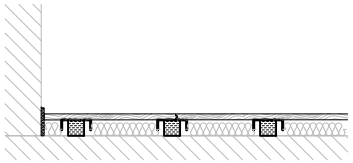
②B



* ADD OPTIONAL ABSORPTIVE BATTING BETWEEN CHANNEL PER PROJECT SPECIFICATIONS.
* ATTACH OPTIONAL SLEEPERS TO FIC CHANNEL PER PROJECT SPECIFICATIONS.

TAKE CARE THAT THE SCREWS DO NOT PENETRATE THE ISOLATORS UNDER CHANNEL.

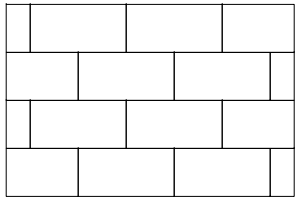
③



CUT AND FIT THE FIRST LAYER OF 3/4" PLYWOOD ACROSS CHANNELS OR SLEEPERS AND SCREW IN PLACE. STAGGER PLYWOOD JOINTS 4'-0".

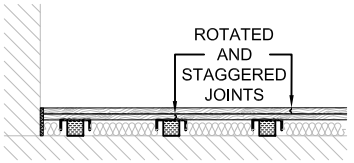
TAKE CARE THAT THE SCREWS DO NOT PENETRATE THE ISOLATORS UNDER CHANNEL.

③A



PLAN VIEW EXAMPLE OF 1ST LAYER OF 3/4" PLYWOOD WITH 4'-0" STAGGERED JOINTS

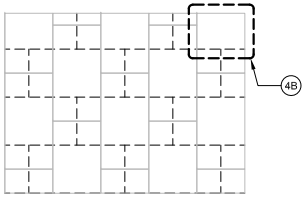
④



CUT AND FIT THE SECOND LAYER OF 3/4" PLYWOOD ON TOP OF FIRST LAYER. ROTATE THE SECOND LAYER AND STAGGER JOINTS 2'-0".

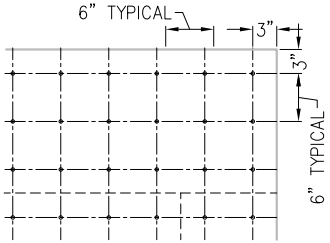
IMPORTANT THE FIRST AND SECOND PLYWOOD LAYERS SHOULD BE GLUED AND SCREWED TOGETHER BEFORE THE GLUE DRIES!

④A



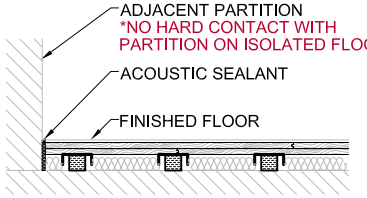
PLAN VIEW EXAMPLE OF 2ND LAYER OF PLYWOOD WITH ROTATED AND STAGGERED JOINTS. USING 1-1/2" SCREWS, TROWEL-GLUE AND SCREW THE LAYERS TOGETHER USING THE SCREW PATTERN DETAILED IN 5B. CONSULT GLUE MANUFACTURERS' INSTRUCTIONS FOR TROWEL SIZE.

④B

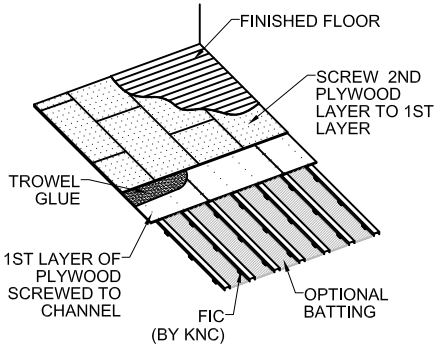


STARTING 3" FROM THE EDGE OF THE ISOLATED FLOOR, SCREW FIRMLY TOGETHER BY USING 1-1/2" SCREWS AT MAXIMUM 6" O.C.E.W. DO NOT USE SCREWS LONGER THAN COMBINED PLYWOOD (& OPTIONAL SLEEPERS) THICKNESS.

⑤



INSTALL FINISHED FLOOR PER MANUFACTURERS' RECOMMENDATIONS BUTTING AGAINST SRP. TRIM SRP TO LENGTH. APPLY ACOUSTIC SEALANT AT PERIMETER PER SEALANT MANUFACTURER'S INSTRUCTIONS.



DIMENSION FORMAT: IN [mm]

SCALE: N.T.S.

KINETICS Noise Control®

FIC WOOD ISOLATED SLAB: INSTALLATION SEQUENCE

Revised	Drawing No.
05/19/2020	AA001824

kineticsnoise.com/fic/wood