

### SCOPE

This method statement covers the detailed procedure to be followed for Installation of Alcobond® aluminum composite panels.

### PURPOSE

The purpose of this document is to lay down the systematic procedure for Installation of Alcobond® aluminum composite panels.

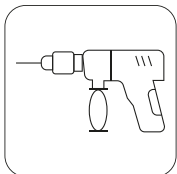
### RESPONSIBILITIES

- ☞ Site Foreman shall be responsible for setting out levels, layout and lines and must establish top levels.
- ☞ QA/QC Engineer shall be responsible for ensuring that execution of works is complying with the approved method statement, specifications and shop drawings submitted.
- ☞ Verify the thickness and color of the aluminium composite panels in the shop drawings to ensure they are the same.
- ☞ Ensure site verification is done before preparing the cutting list.

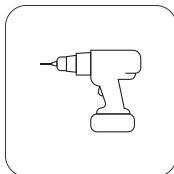
### MATERIALS

As per the components list provided.

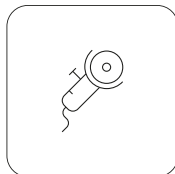
### EQUIPMENTS & TOOLS



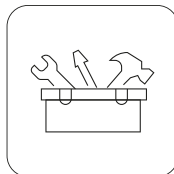
Concrete Drill Machine



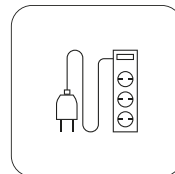
Rechargeable Tighter Machine



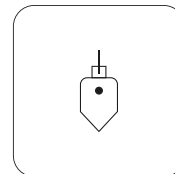
Small Cutting Machine



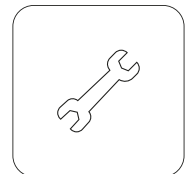
Tool Box



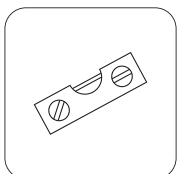
Extension wire



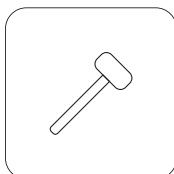
Plumb



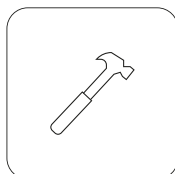
Spanner



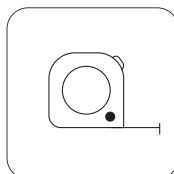
Spirit Level



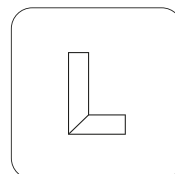
Plastic Hammer



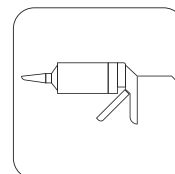
Metal Hammer



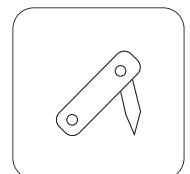
Measurement Tape



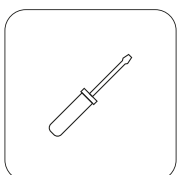
Right Angle



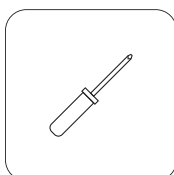
Silicone Gun



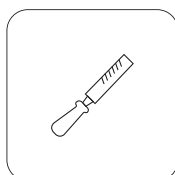
Knife



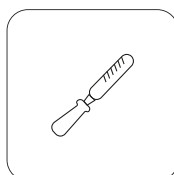
Screwdriver (Flat)



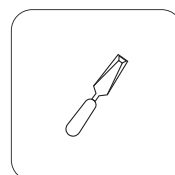
Screwdriver (Star)



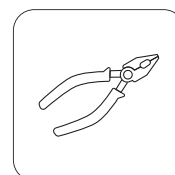
Flat File



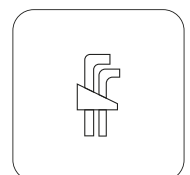
Round File



Chisel



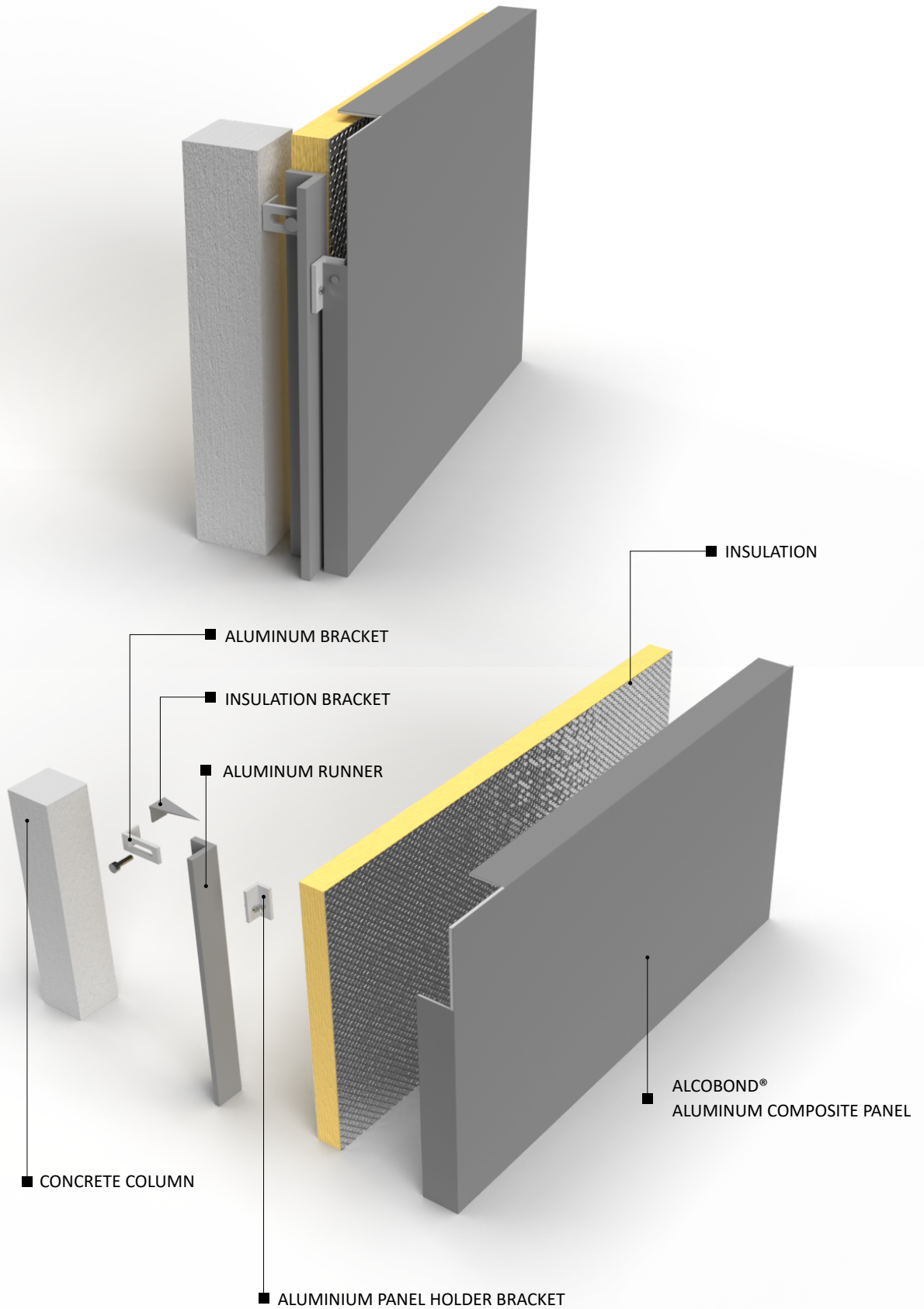
Pliers



Allen Keys set

The capacity/size of the above tools and equipment shall be judged in accordance with the site installation conditions, requirements and availability at the time of execution.

**CROSS-SECTION**





## INSTALLATION GUIDELINE

### STEP 1

FIX ALUMINUM TUBE (15X50X1.5MM) ON CONCRETE COLUMNS OR WALL BY USING PAN HEAD SLOTTED TAPPING SCREW PH. ST. S 10X50.MM LG

### STEP 2

ADJUST ALUMINUM TUBE ALIGNMENT USING PLUMB LINE AND TIGHTEN SCREWS

### STEP 3

FIX BRACKETS TO INSTALL INSULATION

### STEP 4

INSTALL GLASS WOOL/ROCKWOOL INSULATION ON THE INSTALLED BRACKETS

### STEP 5

INSTALL FIRE CAVITY BARRIER AT EACH SLAB LEVEL IN ACCORDANCE WITH APPROVED DRAWINGS

### STEP 6

LOCATE ALUMINUM COMPOSITE PANEL AND FIX CLEAT WITH TUBE BY USING #10 PH. ST. 4.8 X 19MM LG

### STEP 7

AFTER INSTALLING ALL ALUMINUM COMPOSITE PANELS, FILL GAP WITH U-CHANNELS

### STEP 8

APPLY FR SILICONE IN JOINTS FLUSH WITH OUTER FACE OF ALUMINUM COMPOSITE PANELS

### STEP 8

REMOVE PROTECTION TAPE WITHIN 45 DAYS OF INSTALLATION