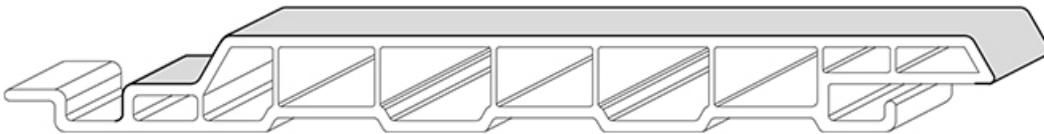


## **SAGIWALL Installation Manual**

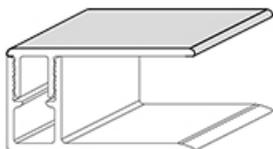
**NOTE:** This guide has been prepared and intended for individuals with moderate to extensive knowledge of basic building practices. Appropriate protective eye wear should always be used when cutting. Warranty may be voided if proper application and installation practices are not followed.

SAGIWALL is produced from virgin, heavy gauge PVC and is coated with a high quality, multi-layer polymer based film especially designed for outdoor use (Exterior colors and/or Exterior Metallic colors), that is used specifically for exterior cladding.

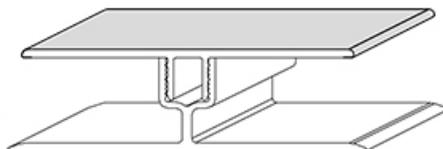


Although relatively simple to install, SAGIWALL requires compliance with some fundamental building practices for standard exterior cladding installations, described in this manual.

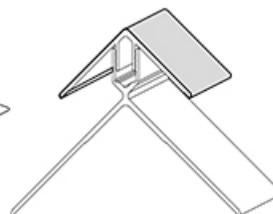
SAGIWALL offers accessory profiles that enable you to complete your projects in the best way:



Aluminum J-Mold Clip



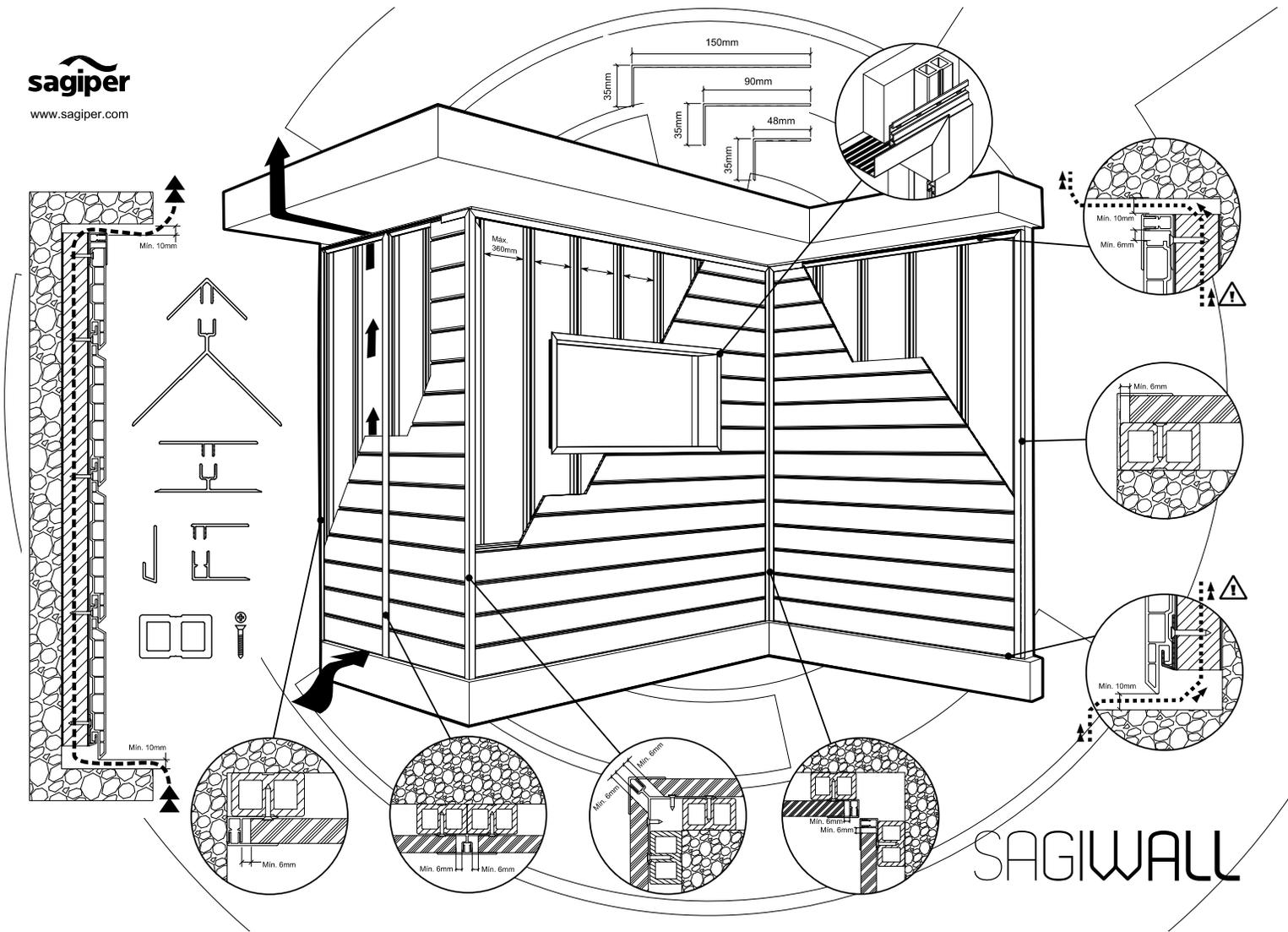
Aluminum H-Mold Clip



Aluminum Outside Corner Clip



Aluminum Starter Strip



SAGIWALL

SAGIWALL can be installed over a variety of high quality, synthetic polypropylene house wraps. However, it is recommended that SAGIWALL also be applied over wood strapping or aluminium furring channel to allow for rain screen when installing horizontally.



*Figure 1 – Wood Strapping*



*Figure 2 – Furring Channel*

If installing vertically, the SAGIWALL acts as its own rain screen due to its cellular cavities and ribbed backing, but it is recommended that small drill holes be made in the base of the J-mold female piece in order to allow for drainage.

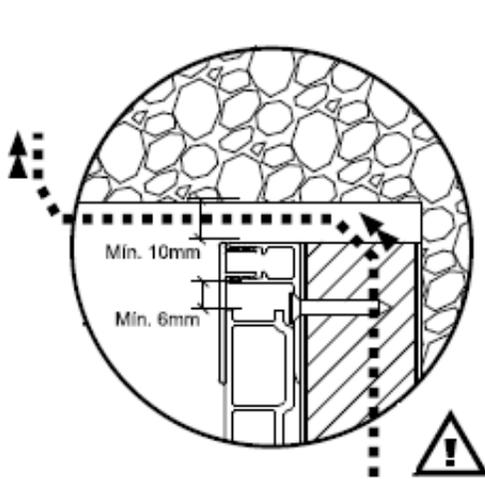
### **Horizontal Application Process**

- A starter strip should be fastened to the strapping, using a 1 ¼" self-tapping wafer head screw. The starter strip is fixed along the entire lower perimeter of the cladding area and the first SAGIWALL boards are then hooked into place.

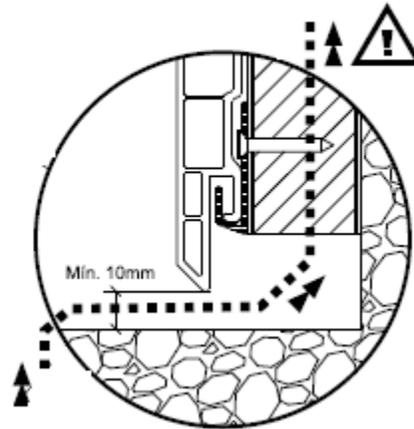


*Figure 3 – 1 ¼" self-tapping wafer screw*

- A minimum space of 3/8" should be left between the ground and the lower part of the SAGIWALL board, as well as between the last board and the ceiling, so that the cladding remains ventilated.

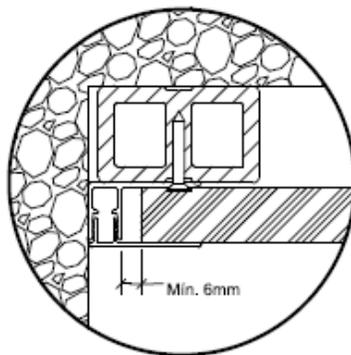


*Figure 4 – Upper finish*



*Figure 5 – Lower Finish*

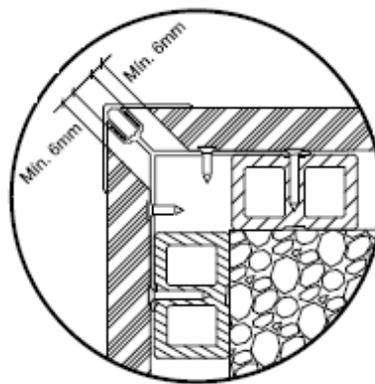
- During installation, it is vital to fasten every board to the strapping, 16" on centre.
- No glue or adhesives of any kind should be used to fix the joists or SAGIWALL boards.
- A minimum distance of 3/8" should be maintained between the end of the board and the respective accessory (outside corner, H-mold, J-Mold) during installation. An example is shown in Figure 6 where the SAGIWALL board is finished with a J-mold.



*Figure 6 – Trim installation detail*

- An appropriate length, corrosion resistant fastener should be used to fasten the boards through the centre of the pre-drilled fastening slots to allow for horizontal dilation. It is also recommended to "float" the screw to sit flush with the ridges either side of the pre-drilled fastening slot.

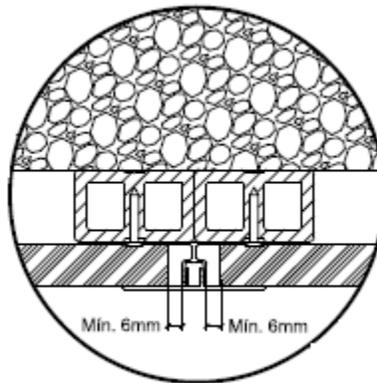
- In corners, a mitre cut of the SAGIWALL board is recommended, as shown in Figure 7, leaving 3/8" to account for thermal expansion, when installing in moderate to cool temperatures. If installing in warmer temperatures, it is important to be cognisant of thermal contraction and leave less than 3/8".
- If the distance between the corner and the last fastening point is significant, a screw should be fastened in the closest pre-drilled fastening slot to the corner.



*Figure 7 – Corner installation*

- When installing the accessories, the female base trim should be fixed to a joist first, then proceed with normal SAGIWALL board installation. Finally, the male finishing cap should be fit and hit into place with a rubber mallet to achieve an aesthetically pleasing finish.

- During the installation of an H-mold, two strips must be used side by side, in order to later receive the H-molds female base trim. See Figure 8.



*Figure 8 – Joint detail*

Figure 9 demonstrates the lateral finish of a SAGIWALL cladded section diagram. Notice the ventilation area shown by the airflow and the fixing of SAGIWALL to the joists.

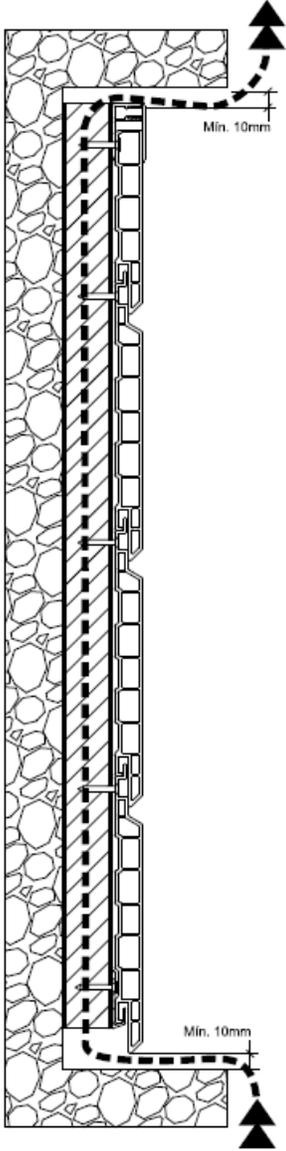


Figure 9 – Lateral view of a SAGIWALL cladding section

**SAGIWALL Cleaning and Maintenance:**

- SAGIWALL maintenance is very simple, needing only a simple cleaning with a sponge or damp cloth. Detergent or other types of non-abrasive cleaning products may also be used.
- Before using any cleaning product, test it on a small inconspicuous area to see results.
- The cleaning product instructions and indications should be carefully read before their use.
- SAGIWALL does not require any surface treatments, such as the application of sealants.
- Never use abrasive products while cleaning SAGIWALL.