

March 2019

## INSTALLATION METHODOLOGIES OF MFE 5 (100 x 50mm) SKIRTING

- **Preparation**
  - Ensure that the area onto which the FloorworX MFE5 Skirting must be fitted is firm, dry and free of dirt and dust, or any other substances.
  - It is recommended that the FloorworX MFE5 Skirting be installed prior to the installation of any floor coverings.
- **Marking out**
  - Accurate marking out is essential in order to minimize adhesive usage and to further prevent excessive adhesive spillage. (Marking out can be done by various methods. e.g. use of height gauges, templates or by scribing.) A line is then marked on the wall at a prescribed height by means of a chalk line.
- **Adhesive application**
  - Using a clean 20mm paintbrush, apply FloorworX No71 contact adhesive, spread evenly onto both the skirting and the working surface.
  - Allow both surfaces to become touch dry.
- **Installation Straight sections**
  - Carefully place the top edge of skirting into position at one end, ensuring that the top of the skirting is directly on the chalk line, and then work gradually along its length.
  - When completely positioned, apply firm pressure along the whole length (vertical section) and the toe (horizontal section) to ensure perfect contact between the two adhesive surfaces.
- **Installation Corners**

Two methods can be employed:-

- The first where the welded joint is on the 90° on the internal and external corner. (In this application the material is “cut and joined” on the corner).
- The second where the product wraps around the (vertical) external corner and through the (vertical) internal corner at the 90°, with the join on the (horizontal) toe of the material.

**Method 1** (Skirting runs from opposite sides and intersects at the 90° corner. The join is at the 90° on the (vertical) wall section and mitred at 45° at the (horizontal) toe section.

### Internal Corner

- Carefully place the top edge of skirting section into position on the one side, ensuring that the top of the skirting is directly on the chalk line, and then work gradually towards the internal corner. (Repeat from the opposite side.)
- The (vertical) wall section of the skirting to be butt joined at the 90° internal corner.
- The (horizontal) toe section of the skirting to be overlapped where they meet at the 90° internal corner. The two (horizontal) toe sections of the skirting need to be cut right through and mitred at 45°, using an aluminium triangle as a template, so tight abutting edges are obtained. **(See illustration 1)**

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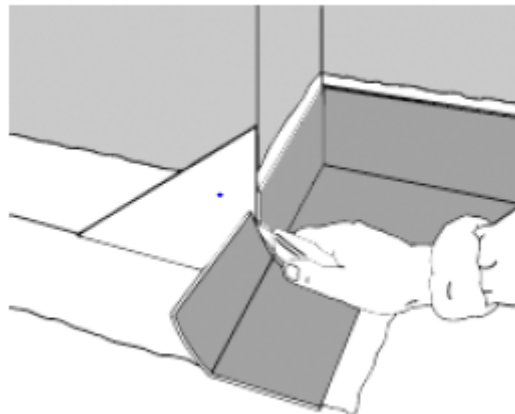


**Illustration 1.**

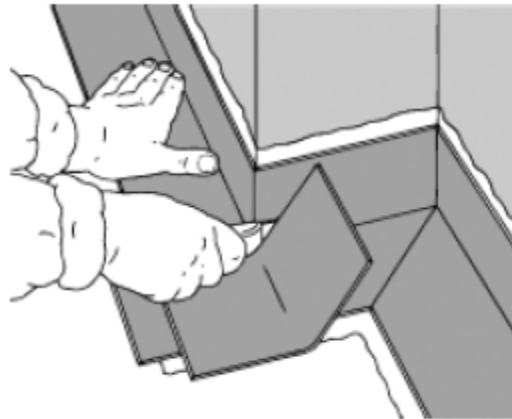
- When completely positioned, apply firm pressure along the whole (vertical) wall section and the (horizontal) toe section to ensure perfect contact between the two adhesive surfaces.

### External Corner

- Carefully place the top edge of skirting section into position on the one side, ensuring that the top of the skirting is directly on the chalk line, and then work gradually towards the external corner. (Repeat from the opposite side.)
- The (vertical) wall sections of the skirting at the 90° external corner to be cut and butt joined. (See illustration 2 & 3).

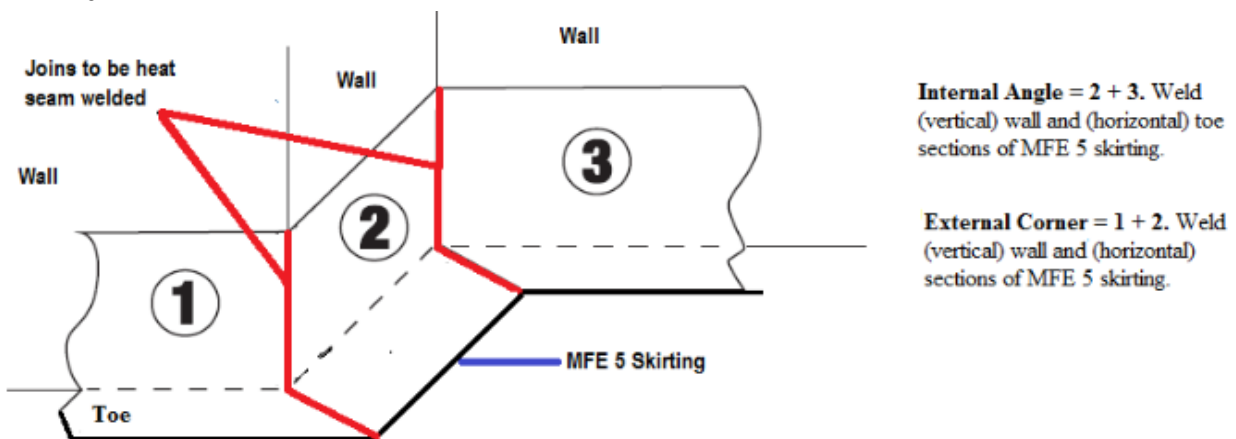


**Illustration 2.**



**Illustration 3.**

- The (horizontal) toe section of the skirting to be overlapped where they meet at the 90 ° external corner. The two (horizontal) toe sections of the skirting need to be cut right through - mitred at 45°, using an aluminium triangle, so abutting edges are obtained.
- When completely positioned, apply firm pressure along the whole (vertical) wall section and the (horizontal) toe section to ensure perfect contact between the two adhesive surfaces.
- The joints on the external and internal 90° corners to be welded from top to toe using a hot seam welding process. (See illustration 4).



**Illustration 4.**

- Welds, once trimmed, must then be sanded down using a fine 120 grit water paper.
- The welds can be wiped down and finished off with the moderate use of Methyl ethyl ketone (MEK). (This chemical must be used cautiously, as excessive amounts could soften and damage the product. It is highly recommended that the MSDS be consulted prior to the use of this chemical).

**Method 2** (Skirting runs from one side and is wrapped around (vertical) external and through the (vertical) internal 90° corners, with only the (horizontal) toe being cut to accommodate the external wrap around and mitred internal sections).

- Carefully place the top edge of skirting section into position, ensuring that the top of the skirting is directly on the chalk line, and then work gradually around the (vertical) external corner and through the (vertical) internal corner.
- For ease of application, it is recommended that the (vertical) back section only of the skirting - the portion that will turn around the (vertical) 90° angle on the external corner - be slightly grooved out to no more than 25% of the total thickness of the product, and a “right-angled” cut is made through the (horizontal) toe of the skirting. (The cut out needs to be filled in with a piece of the same material and the infill welded using a hot seam welding process).
- In the case of an internal corner, the toe must be mitred at a 45° angle. The join must then be welded using a hot seam welding process.
- When completely positioned, apply firm pressure along the whole section and the toe to ensure perfect contact between the two adhesive surfaces.
- The mitred join and “filler piece” must then be welded using a hot seam welding process. (See illustration 5).

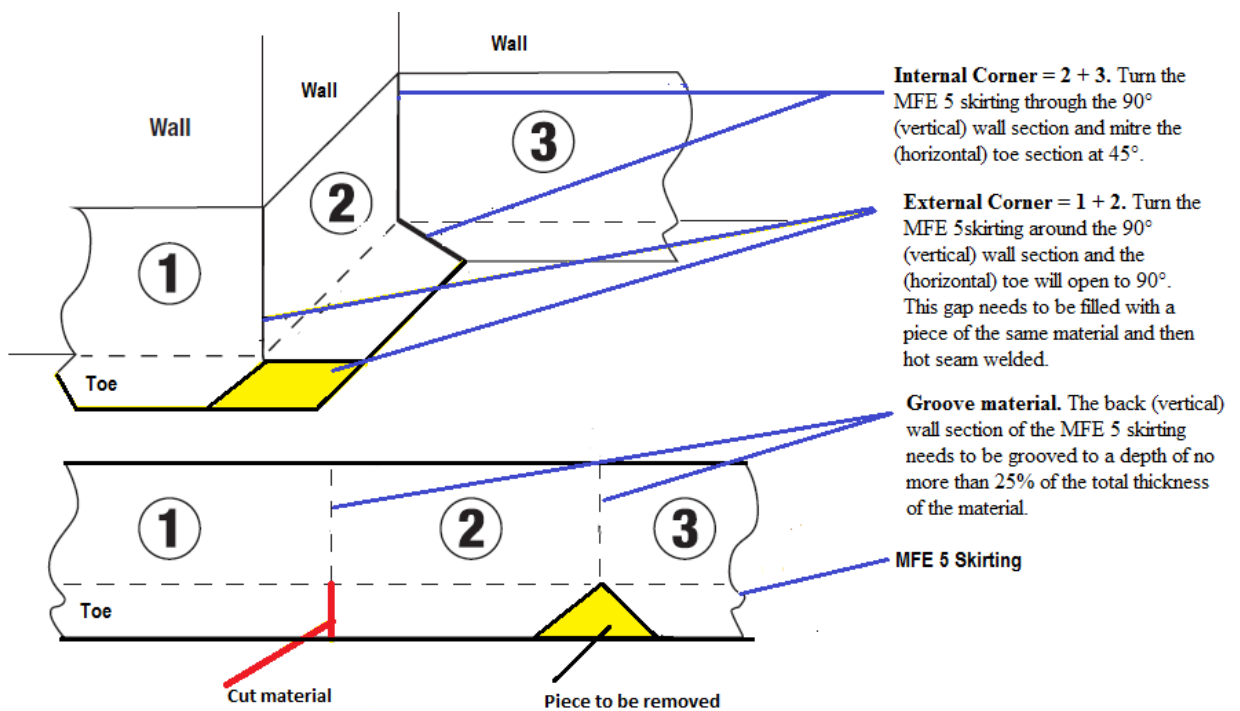
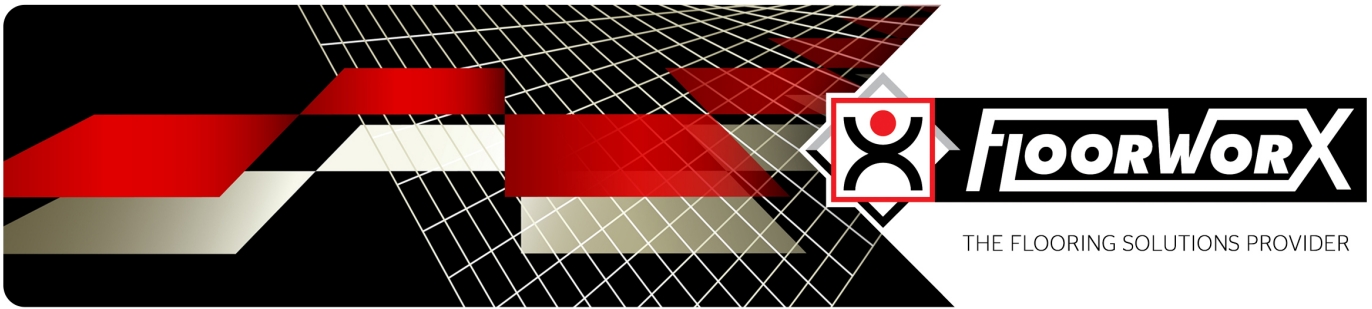


Illustration 5.



- Welds, once trimmed, must then be sanded down using a fine 120 grit water paper.
- The welds can be wiped down and finished off with the moderate use of Methyleneethylketone MEK. (This chemical must be used cautiously, as excessive amounts could soften and damage the product. It is highly recommended that the MSDS be consulted prior to the use of this chemical).

**DISCLAIMER**

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