

# PVC Sheet Installation Guidance

Medintech Plus

# Instruction of Work

You should do suitable work for different basement layers, and must follow all the requirement for the basement layers and screed-coat after your work.

- Concrete
- Wooden Flooring Base on Empty Space
- Existing Resilient Flooring
- Ceramic Tile, Waterstone, Marble Flooring
- The Surface Temperature of Underfloor Heating should Less than 38 Degree Centigrade

## WORK ENVIRONMENT AND PREPARATION WORK

- Keep the Basement Layer Dry, Firm, and Flat, without any Paint, Wax and other impurity.
- The Environment Temperature Before, During and 48 Hours after Work should No Less than 18 and No More than 38 Degree Centigrade, Less than 13 Degree Centigrade is Unacceptable.
- The Flooring and Adhesive Need 48 Hours to Suit for the Environment before Work.
- Do Water Content Test and Stickup Test before Work.

## INSTALLATION

### 1、 Rehearsal and Material Cut

- ① Put Material in Work Place 48 Hours before Installation to Make Them Suit for the Temperature. Recheck the Floorings in Same SKU and Shade Number to Make Sure the Design Requirement Being Followed.
- ② Cut the Edge of Flooring by Specialized Edge Cutter or Strip Trimmer.

### 2、 Stickup

- ① Use Armstrong Accessory and the Accessory Brand Recommend by

Armstrong, Specialized Adhesive or All-purpose Adhesive can be used for Wall Join, and the Standard A2/A3 Notched Spreader We Recommend you Choose for This Work. Junctures, Drainage Ditch, Door Areas Should Use Polyurethane Adhesive.

- ② Put The Two Edge Which With Trademark Together When You Lay the Flooring on the Ground, Accordingly, Put The Two Edge Which Without Trademark Together.
- ③ Use Notched Spreader for Specified Adhesive, and Take Care the Wake Up Time of the Adhesive.
- ④ When You Install the Sheet Flooring, Advise use the Trimmer Cut the Edge when Two Pieces of Flooring Meet in Seam, 1.5mm Overlap is required before Trimming the Top Edge. The Safest Way of Cutting a Seam is Mark the Top Sheet with an under and Over Scriber Guided along the Trimmed Edge. The Seam should Never Fit Too Tightly; there should be a Space of Approx 1mm Between Adjoining Edges When Sealing.
- ⑤ 10cm Skirting Height and Arc Conner Method can be Used for Inner and Outer Conner, the Top Edge on the Wall can use the Armstrong Specialized Aluminum Alloy Assesory.

### 3、 Roll Extrusion and Eliminate the Air

- ① Use Softwood Block Push and Press the Surface of Flooring to eliminate the air.
- ② Rolling Compaction the Flooring by Roller which weight 50kg. Use a Small Roller in the Area which the Big Roller can not Reach.
- ③ Wipe Off the Adhesive Spill from Seam, Clean the Rough Selvedge.
- ④ Groove the Seam and do Weld Work after 24 Hours Later when the Adhesive Solidify Completely.

### 4、 Groove the Seam

- ① The Seam Groove must after the Adhesive Solidify Completely, Use the Routing Machine, Groove the Seams to a Depth 2/3 the Thickness of the Wear Layer. DO NOT Expose the Felt Backing by Routing too deeply.

- ② Hand Routing Tool can be used if the Area Not Allow the Routing Machine.
- ③ Clean the Dust and Garbage in Groove before Weld the Seam.

#### 5、Weld the Seam

- ① Use Heat-welding Hot-air Blower or Auto Weld Machine.
- ② Temperature of Welding Nozzle when use Weld Rod is 400 Degree Centigrade.
- ③ Feed the Weld Rod through the Welding Tip and Apply the Weld Rod into the Routed Seam. Set the Correct Welding Temperature and Speed so a Ridge Forms at both sides of the Weld Rod.
- ④ Skiving the Weld Rod should be Done in Two Passes to Minimize Concave Seams. On the First Pass Use a Spatula Knife and a Trim Plate, Skiving Away the Top Part of the Weld Rod while it is still Warm.
- ⑤ After the Weld Rod has Cooled to Room Temperature, Remove the Remaining Excess Weld Rod on the Second Pass by Holding the Spatula Knife Flush with the Flooring.
- ⑥ Use 4mm Armstrong Weld Rod, Keep the Weld Depth During 1.2-1.5mm When the Flooring Thickness is 2mm. Make Sure the Seam without Adhesive Failure, Crack and Edge Warping.

#### 6、Flooring Protect

- ① Avoid Heavy Load and Wheel Load in 72 Hours, Make the Adhesive Dry and Solidify Completely.
- ② Use the Specialized Floor Polish to do First Time Maintain.
- ③ Do Flooring Protect after Maintain Finish.