

Installation Instruction (Full Glue)

Requirement of sub-floor

- ❖ Please clarify the sub-floor making sure the removal of any adhesive, paint, plaster etc.
- ❖ Humidity in the slab < 5% with the control Carbide Moisture.
- ❖ Tolerance of level differences is within 3mm which measured by a meter ruler.
- ❖ Sand all the sub-floor, with a 60Grit disc in order to eliminate any residual contamination ie adhesive, paint etc.
- ❖ The sub-floor must be do waterproof, especially concrete, strongly recommend do self leveling. If it is a new built venue, or new doing self leveling treatment, then the installation only be done after the ground dry to acceptable moisture. For new built venue, the ground should wait at least 3months before installation.
- ❖ All ground should be level, dry, no cracks, no sands and dust, including concrete, ceramic tiles, wood floor...IF there is cracks or not level, then must fill and level up by gypsum powder or putty powder.

Preparation of Materials

- ❖ Venue temperature and all installation should be done under minimum 15 centigrade, maximum 30 centigrade.
- ❖ Unroll and lay out the rolls for 24 hours along the length of the sports hall or in accordance with a floor plan before installation, let the flooring assimilate the room's temperature and humidity and keeping them in order as the label pasted on the rolls, and leave a gap (1cm) between each rolls. (caution: the lengths should be unrolled starting in the center of the sports hall)
- ❖ Using a flooring roller will make the material easier to install prior to bonding or gluing.
- ❖ Adhesive: Before use the adhesive should be kept 24 hours at the temperature of the room.

Sticking down

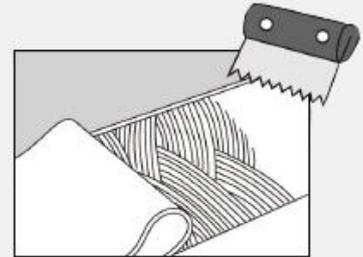
- ✧ When applying the adhesive, fold the lengths back halfway along the longitudinal axis. Making sure not crease the roll.
- ✧ Start spreading the adhesive from the center of the hall/room: glue 3 or 4 half-rolls at a time.
- ✧ When the glue or adhesives are almost near to dry (about 15-20 minutes after spreading), then roll lengths back to the original position.
- ✧ Repeat the process on the opposite halves. Make sure all lengths edge to edge without leaving a gap and continue in the same way finishing up at walls.
- ✧ Using a wood board to press and pushing the flooring surface to make sure there is no bubble or air between the ground and floor whilst applying the lengths. Rolling with a flooring roller several times after sticking down the lengths apart from the transverse, this waiting 1 hour at least after application.

Recommendations for good adhesion:

Respect the waiting time which depends on the temperature, ambient hydrometry, porosity of the adhesive coverage.

If the flooring is applied to adhesive with insufficient waiting time, it will bubble.

If the flooring is applied to adhesive which has gone past its open time, there will be insufficient adhesive transfer to the underside of the floor finish.



Cautions:

For normal walking traffic, commissioning occurs at least 24 hours after complete installation including game lines.

Forbid any trafficking for 72 hours after laying as well as any furniture movement.

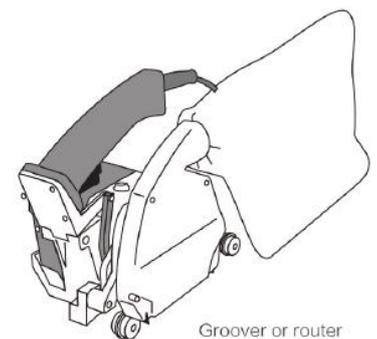
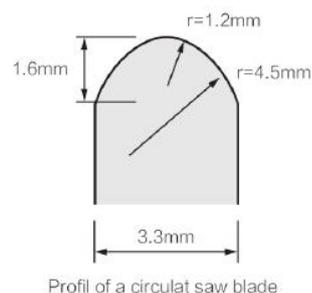
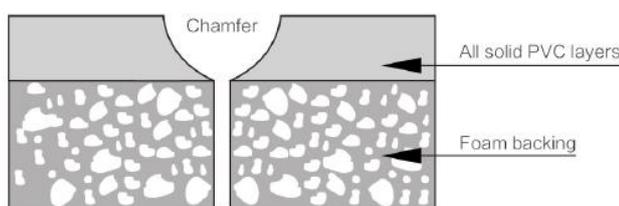
Follow carefully the recommendations of the adhesive manufacture.

Hot welding (12 hours after sticking down)

Grooving:

Should be test grooving and welding on one small piece of flooring firstly.

Make sure the grooving depth is about 1/2 thickness (at least 1/3) of flooring, grooving the same width on both edges of two rolls.



Welding:

Making sure the temperature is set to 8.5-9.5 making, almost reach 850-900 degree centigrade. Then pull the welding gun to welding the rod with flooring together.

Trimming welding rod:

Using the moon blade knife cut the ledge of welding rod to make sure the flooring surface smooth. This must be done when the rod is cold.

Cleaning work

Using a damp mop to clean the flooring, confirm there is no water left on the surface.