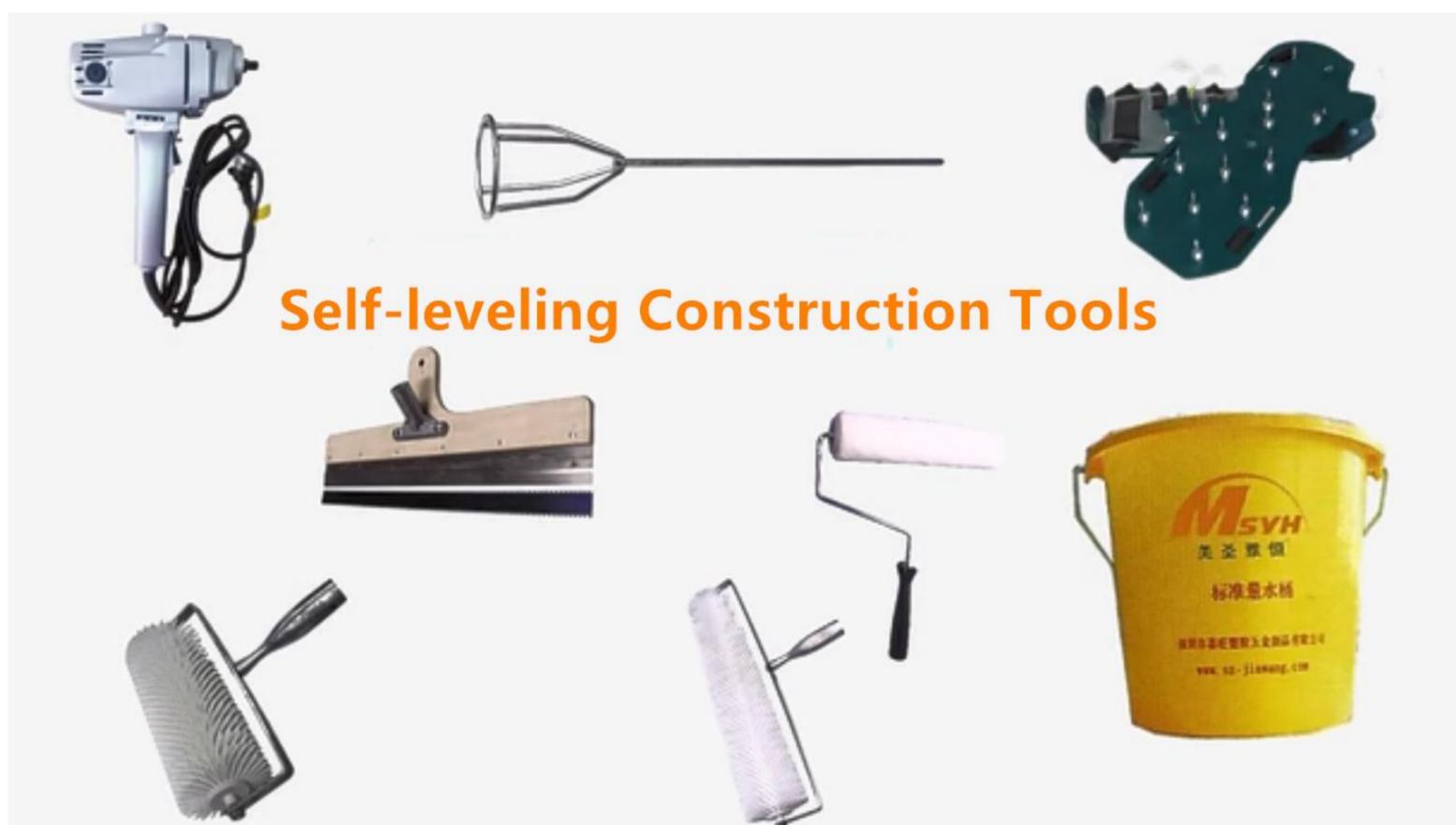


PVC flooring installation manual

Tools for construction



Primary test

Using the thermo-hygrometer to detect the construct site's environment, the temperature should be between 14-35°C, the humidity should be between 20%-75% .



Using the CCM moisture tester to detect the ground of water ratio, the test result should not be more than 4%.



Primary test



The detection result of surface flatness tester that the height difference within a two-meter straight line shall be less than 5mm. (Both ends of the flatness detector shall be fitted with the ground).



Using the hardness scratching tester to detect the hardness of ground surface.

Inspecting the ground whether it is cracked, and using stainless steel hammer to detect the ground whether it is hollow.



Primary processing



The sanding machine to polish the subfloor with the appropriate grinding disc that is to deal with uneven surface and floating ash.

Using the spatula remove paint, glue and other convex residues on the ground. Angle grinder can be used to loose subfloor.

Vacuuming and cleaning the treated subfloor.



Self-leveling construction

If the subfloor surface is loose or a large area of laitance, it should be shot peening. In the high moisture content of the subfloor, especially in new buildings needs to be done to deal with moisture.

To ensure self-leveling surface, strength and adhesion, the water-based absorbent subfloor like concrete /cement floor is recommend using dispersion primer.

Stone, terrazzo base surface, tiles and other non-absorbent surface of the substrate, it is recommended to use non-absorbent primer for processing.



Constructing the interface primer should be uniform without obvious liquid accumulation. After it is dried, self-leveling construction can be carried out.

Self-leveling construction

According to mixing ratio specification on the self-leveling bag, weighing the water. Pouring and stirring the cement into the mixing barrel with weighed water.



In order to ensure the evenness of self-leveling. It is necessary to use a high-power professional mixer with a mixing head to stir the slurry for no less than 2 minutes until there is no agglomeration in the slurry. Standing for about 1 minute, stirring again.

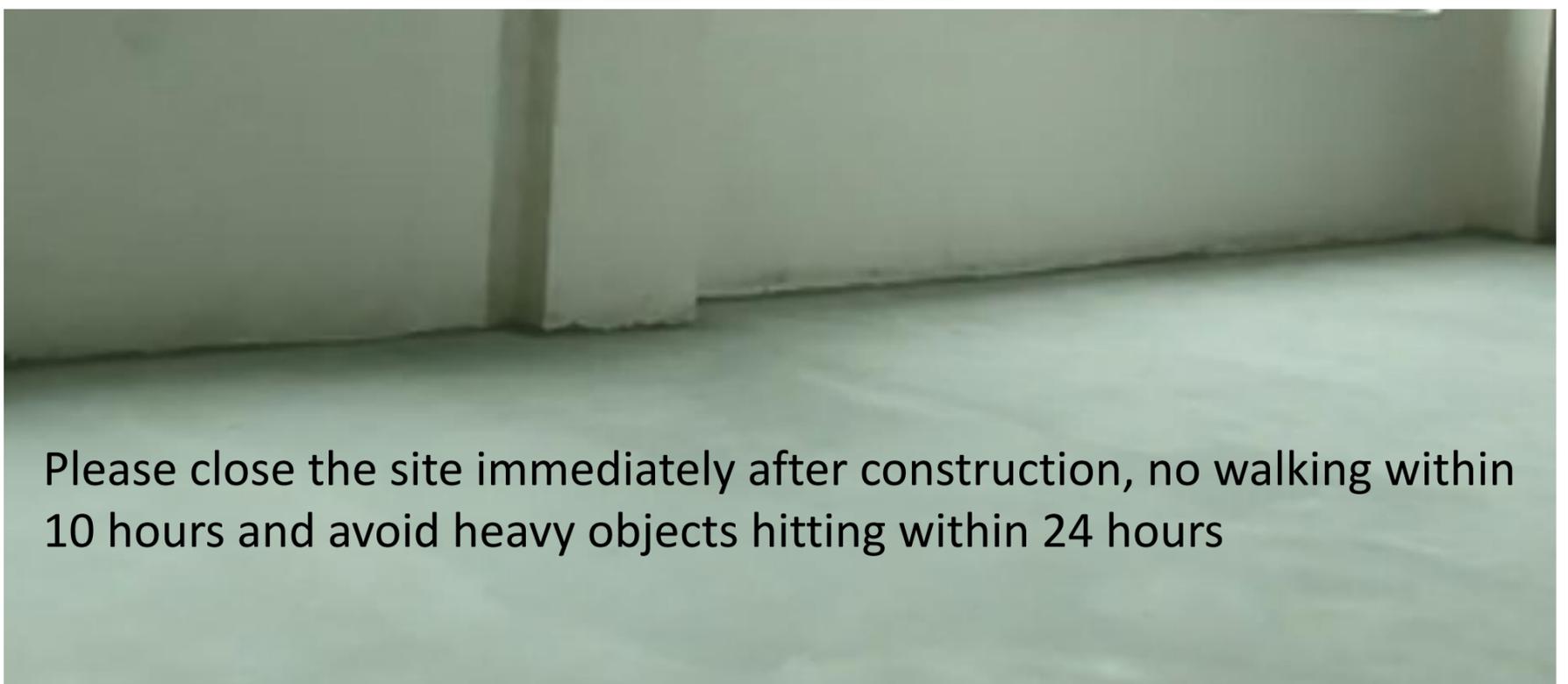


Self-leveling construction



Pouring the stirred cement slurry on the floor, and using the specialized tooth rake scraper and suitable rack to scrap the self-leveling.

The constructors put on the Spike Shoes and use the anti-foaming spiked roller Roll on the self-leveling surface to remove the air, so as to avoid the pitted surface and interface height difference.



Please close the site immediately after construction, no walking within 10 hours and avoid heavy objects hitting within 24 hours

Floor covering installation

Both sheet and tile floor should be placed on site for more than 24 hours to restore the material memory can keep their temperature consistent with the site.



The overlaps of two floors should be cut across, generally requires overlapping 3cm. Using special trimmer to cut and clean the rough edges of the flooring sheet.



Floor covering installation

Different adhesives have different requirements in construction, the actual situation refers to the corresponding product specification. In general, adhesives does not need to be diluted, please stir before use.



Rolling up one end of the flooring sheet, sweeping the ground and the back of the sheet, then using the appropriate scraping tooth coated adhesive on the ground , laying the floor later on.



Floor covering installation

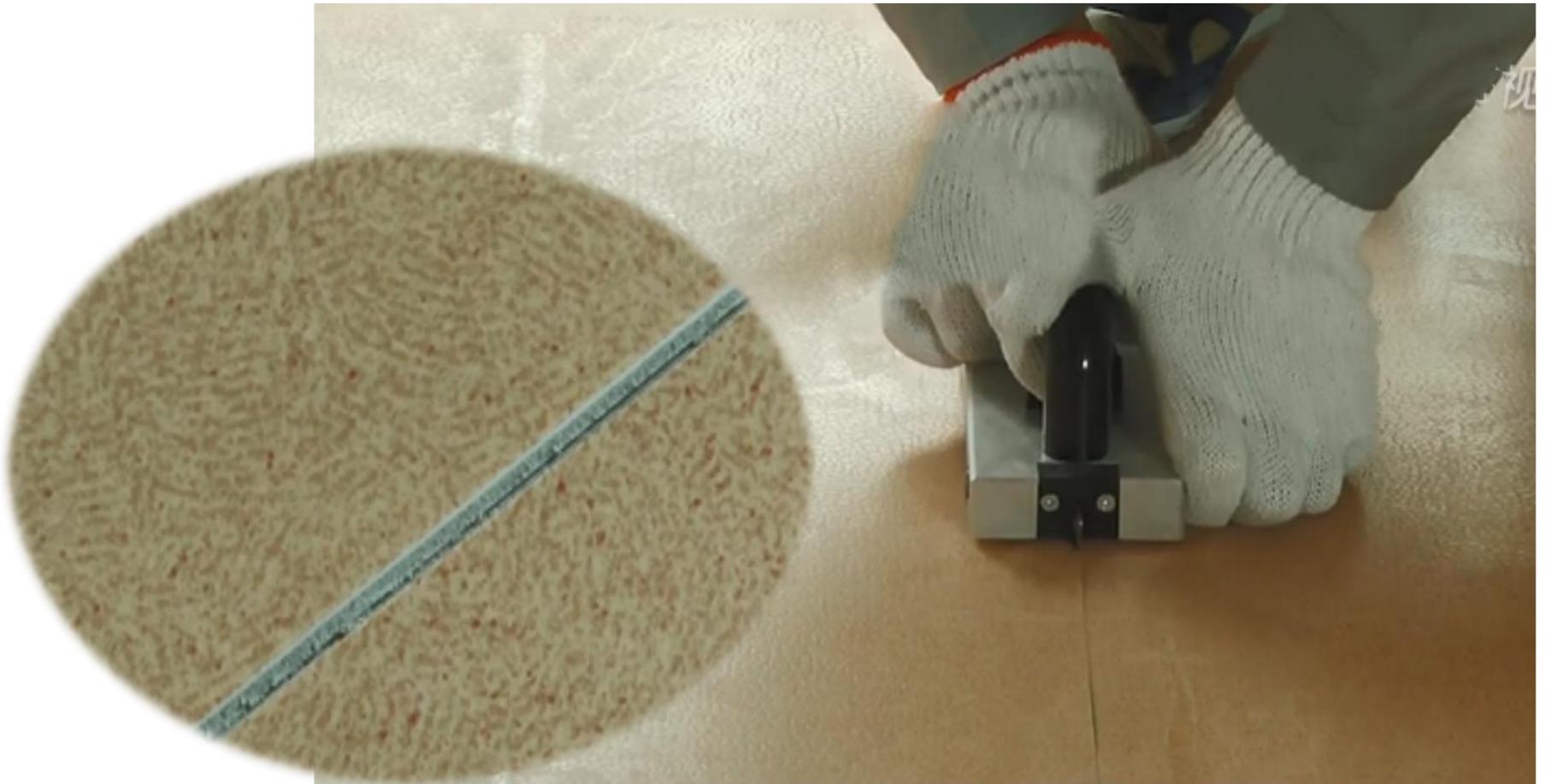
After the floor is covered, squeezing out excess air with a cork block. Subsequently using a 50 or 75 kilograms press roller machine to rolling the floor and timely repair patchwork warped edge.

The excess glue on the floor surface should be erased in time, after 24 hours we can do grooving and welding.



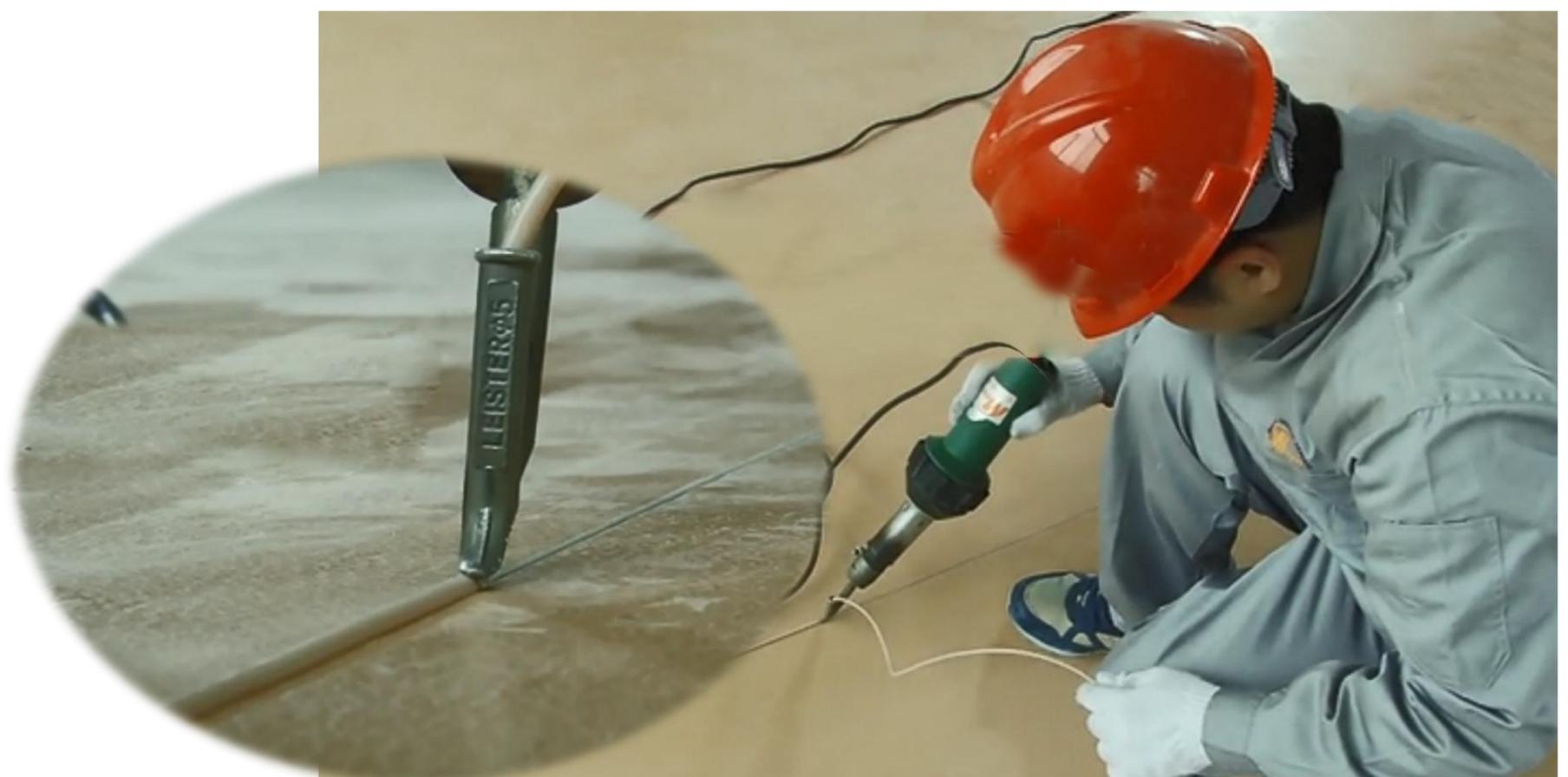
Floor covering installation

The floor can't be grooved until the glue has fully solidified. Using a special grooving machine to groove along the seam. In order to make the welding firm, the seam should not be permeable. The groove depth is 2/3 of the floor thickness is recommended.



Before welding, the residual dust and debris in the aperture' slot should be removed.

The temperature of the welding gun shall be set according to the type of electrode, and the electrode shall be extruded into the groove with a appropriate uniform speed to ensure the melting of the electrode.



Floor covering installation

When the electrode is semi-cooled, use the trimmer or crescent spatula to roughly remove the part of the electrode higher than the floor surface; When the electrode has cooled completely, remove the remaining raised parts.

