

METHOD STATEMENT - SOP

UNLOADING

All panels in containers should be unloaded by forklifts.

STORAGE

MAGIX Wall should be stored on elevated platforms or on pallets, 3 pallets at most for stacking in dry area. If the area is not enclosed or without roofs, panels should be covered from top and sides with waterproof sheets, securely tied.

CARRIAGE

Insert short steel tubes into the third hole with the tongue side up by two ends for carriage.

INSTALLATION

- 1) Mark setting-out line for panels to install, and make sure both ground and ceiling are well cleaned.
- 2) Fix the steel clips (F#) to the columns and steel clip (U#) on the ground with nails.
- 3) Apply special mortar layer on the marked ground with a thickness of 20mm.
- 4) Fill the groove of panel with special mortar (mortar mixing ratio as mentioned below), lifting it upright and move it next to the column. Make sure the groove side inserted into the steel clips (F#) and place wedges at bottom for vertical adjustment.
- 5) All panel grooves must be filled with special mortar before installation.
- 6) Top Panel will be fixed by steel clip (U#) with nails to the ceiling and small gap on top can be filled with mortar.
- 7) Steel clip (H#) is used for door panel, and make sure both edges are of uncut panel.
- 8) Plumbing & Electrical work should start only after mortar drying, so that joints are strengthened.
- 9) After MEP or any other installation, anti-crack mesh to be used on all vertical joints.
- 10) Bottom wedges need to be pulled out once the special mortar strength is up to 3.5Mpa (2-3 days in summer, 5-6 days in winter). Fill cavities with special mortar.
- 11) 3-4mm skim coat or render is good enough and then paint / any other wall finish.

Watch our installation video on You Tube, the link is as mentioned below.

Mortar Mix Ratio: Adhesive powder is strongly suggested for mixing into mortar, and the ratio is 1(adhesive powder):300(Portland cement):300(fine sand).