



Easy DIY



Eco-Friendly



3D Dimensional

**3D Wall Board
Installation Instruction**

Art3d.cc



Light Weight

Installation Instruction

I Preparation:

1. Request for the wall surface

- 1) The wall surface must be flat, dry, clean and smooth, solid and painted with emulsion paint.
- 2) Aged wall surface must be smoothened and painted with water-based seal primer to compact the loose surface layer
- 3) Enviroment request: Open the window and make sure the room is clean and ventilated

2. Preparation for the commodity.



Open the box, put the boards on the floor for 24hours to balance the moisture between the panel and the enviroment to prevent excessive expansion or contraction after installation

3. Tools Needed



Tap Measure



Level



Pencil



Applicator



Barrel



Brush



Putty Knife



Sandpaper

4. Supporting Materials

All the supporting materials are Dufa products



Acrylic water-based wood putty



Acrylic water-based PU wood paint



Acrylic water-based wood seal primer



Adhesive (Titebond from USA recommended.)

Installation Instruction

II Installation Steps

1. Measure the wall and plan the design.

- 1) Measure and mark horizontally and vertically the area of installation
- 2) Select a pattern for installation. Arrange it on the floor by rotating the panels before attempting to install ensuring correct installation of the desired pattern.
- 3) If the area for installation is not square, or just meet the connection of the circuit, the panels can be cut by knife



2. Adhere with All-purpose adhesive glue (Titebond made in USA recommended)



- 1) Use the all-purpose adhesive glue to dot on the board every 30 to 50 mms on the flat surface, Especially on the edges of the boards, the point of the glue must be 5mm inside against the edge in order to avoid the glue overflow.



- 2) After dot the glue on the boards, put it on the wall and take it out asap. This method is only used for the glue (Titebond). For other kinds or brand of glue, please follow the instruction indicated in the glue packaging



- 3) Keep gaps of 1.5mm between different boards for future adjustment if there is distortion of boards caused by room humidity. It's better to use the tile cross



- 4) Press the panel to ensure all its corners and edges adjoin the surface, avoid strong pressure on the relief parts. It will be better set aside one hour for drying, then move to the next step.



- 5) Use the wallpaper (knife) or sandpaper to clean the gaps to ensure all the gaps are smooth and neat

Installation Instruction

3 Priming



1) Painting the surface with water-based primer in order to sealing the surface and maintain the boards dry, so that expansion and contract can be reduced. It will be better if painted twice

2) It will take at least two hours to dry, and the time will be a little longer in Winter and wet seasons.

4 Fill the gaps



1) Fill the gaps with acrylic emulsion caulking along in one direction. The caulking must be water-based and paintable..

3) The Acrylic Emulsion caulking can be also used to repair flaws, holes and defects of the boards



2) It usually takes two hours to ensure the caulking dry enough, then use the sandpaper (120-300MU) or dry cloth clean the the gaps to ensure all the gaps are smooth and flat

5 Painting

1) Make sure the surface is dry and clean, brush or spray the wall with water-borne wood paint and maskingtape is recommended for protection if margins will be kept, it usually need to be painted twice, and each time about 2hours, if the humidity is over 60%, it will take more than two hours.

2) Colour of paint. Paints of designated colour can be processed by professionals when buying it



III Painting by spray by gun

It's better to use the spray gun to paint the wall, it will be more smooth and even, Suggest used the Earlex spray gun. Which come from England, it's small and very convenient, especially there is not pollute for the environment. It also can save the paint

