

## ARMOURFX – TIMBER EFFECT

## INSTALLATION GUIDANCE

## Installation Materials

- Mapei Eco Prim Grip
- Mapei GraniRapid - White
- Mapei GraniRapid Liquid
- Notched Trowel (1/2"X1/2"X1/2")
- Paint Roller
- Paint Tray
- Paint Brush
- Fastenal - 1/4"X1.500" Zinc Finish Fender Washer - 100 per bag
- Fastenal - #8-15X1 1/4" Phillips Modified Truss Head Drywall Screw, Zinc - 800 per box
- Sculptural 1mm shims
- Suitable protection for surrounding walls and floors
- ArmourFX Timber Effect Panels (Designs: **Original** or **Rugged** or **Shuttered**)



## Panel Installation

1. All Timber Effect panels will be delivered to site in custom-made EPS foam crates. Open marked side and carefully remove panels needed for immediate work.



2. Apply a single coat of Mapei ECO Prim Grip over a suitable substrate for the Timber Effect panel installation. Leave this coat to dry overnight.



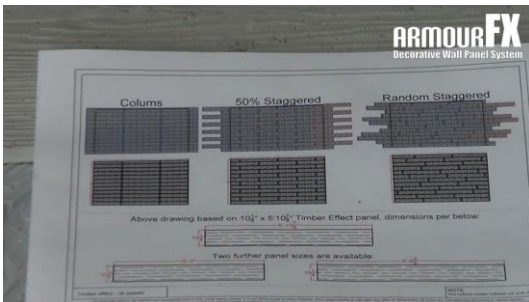
3. At the same time apply a single coat of Mapei Eco Prim Grip to the reverse side of all the ArmourFX Timber Effect Panels. Leave coat to dry overnight.



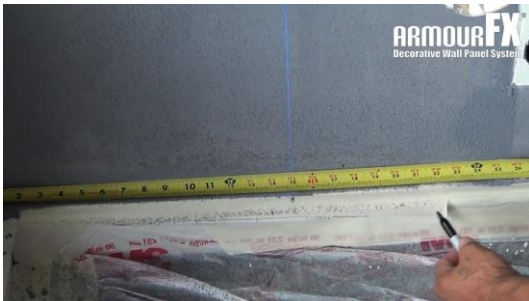
4. Locate stud centers on wall using a stud finder if required. Mark all lengths using a chalk line.



5. Confirm from client / architect/ specifier the desired panel layout (columns, 50% staggered, random staggered).



6. Measure and cut first few panels to allow quick start once adhesive is mixed. A standard sliding chop saw (minimum 12" cross cut) can be used to cut the panel lengths down to the required size.



7. Measure and cut around any sockets or light switches (using a jigsaw, preferably fitted with a diamond tipped blade).



8. Dispense a small amount of the GraniRapid Liquid into a clean, large mixing bucket. Add the corresponding GraniRapid Powder – White and mix to smooth lump free consistency per the manufacturer's guidelines.



9. Apply adhesive to area for first panel using a ½"X½"X½" notched trowel. Place required number of shims on bottom line as well as against internal corners and door jams. Normally 3 are used; this gives a spacing of 1/8".



10. Butter the back of the panel and then press it into wall. Wiggle panel up and then back down to get even compression of notch lines.



11. Find all stud lines. These should be passing through the plank and the flap of mesh should be partially covering them. Pull the mesh gently to take away slack and then pinch the mesh by tightening the screw + washer until it hits the mesh. Do not over tighten as this may cut the mesh.





12. Place next panel in place as per steps 9 and 10 and then repeat the process outlined in step 11 to pinch mesh to wall with screw and washer.



13. Repeat all steps to cut, prepare and fix all remaining panels to wall.



14. When panels are pressed into place there will be areas where the adhesive will squeeze through the joints. Strike this off as soon as the panel in question is in place and wipe area with a dry, clean cloth. If any adhesive residue remains wipe the area with a damp cloth and then once more with a dry cloth to ensure 100% removal.



15. Install all panels and wipe all joints as required.



16. The Shuttered design panels will require post fix filling of any open joints. This can be achieved by using Mapei Keracolor U – Unsanded Grout. The grout can be supplied by Armourcoat or sourced locally. Joint preparation and grouting is per standard grout fill applications.

## Wax Application

All Timber Effect panels will be supplied pre-waxed - either with Armourcoat EcoWax or with Armourcoat EcoPearl. This said cut edges may need a small amount wax applied should there be a color difference between them and the panel face color.

17. Items needed are: Armourcoat EcoWax or EcoPearl (to be supplied with panel order), mixing trowel, sponge, and clean dry cloths.



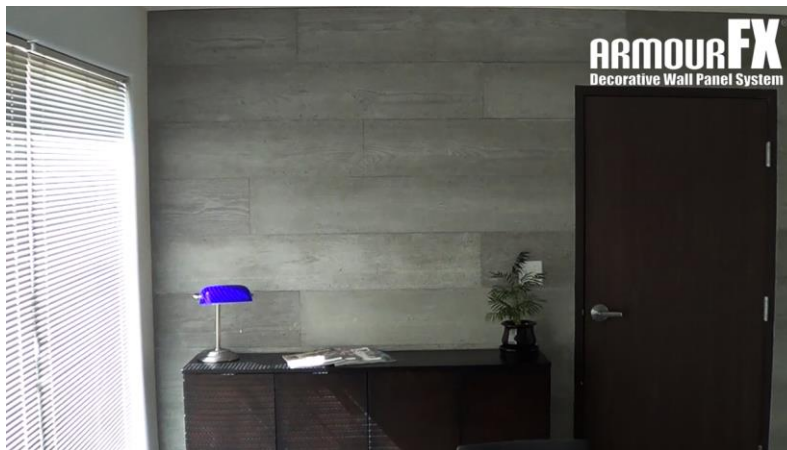
18. Mix the EcoWax or EcoPearl and transfer it to a clean dry paint tray.



19. Wet out a small portion of sponge with very small amount of wax and then carefully apply the wax down the vertical or horizontal cut line. Be sure to remove all excess wax (with a clean, dry cloth) that is applied to the panel face immediately to avoid any ghosting lines.



20. Remove all protection to reveal installation.



Full installation video is available upon request.

For further technical information please email: [armourfx@usa.armourcoat.com](mailto:armourfx@usa.armourcoat.com)  
or call us on: 702 644 0601.