

# ARMOUR FX

Modular Surface Solutions™

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MADE IN USA



CLASS 1

## Timber Effect

Emulating natural wooden planks with an exposed grain detail, or for creating an urban board formed concrete effect, ArmourFX® 'timber-effect' panels are designed for decorative wall cladding – ideal for interior theming and branding.

Available in twenty standard colors and unique plank designs, Timber Effect panels can also be custom color matched as required.

Hand made panels are delivered securely in custom-made packaging to ensure safe arrival on site. The finished panels, ready for use, are then simply adhered to the wall using a specialist large format tiling adhesive, and can be cut on-site as required.

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SURFACE FINISHES

## Composition

ArmourFX® Timber Effect panels are tough and durable, cast from FXCP-24, a polymer modified GFRG blend.

## Timber Effect Design Options

ArmourFX® Timber Effect panels come in 4 different designs:

- Original
- Rugged
- Shuttered (Board Form)
- Cinder



## Panel Details

ArmourFX® panel moulds are 10 ¼" high and have a maximum thickness of ½". Half height panels of 5 1/8" from the original pattern are also available. Panel weights vary between 2.5 and 3.8 lb/sqft depending on the design.

Panels are available in varying panel lengths which can be cut on-site to the required size using standard cutting equipment. Other panels for corner trims, window and door casings are available.

Original	5'10" 7/8 x 10" 1/4
Rugged	6'6" x 10" 1/4
Shuttered (Board Form)	5'10" 1/4 x 10" 1/4 8"
Cinder	5'10" 7/8 x 10" 1/4



## Installation

Timber Effect panels can be installed in either a horizontal or a vertical orientation using a high performance, rapid setting, high strength, flexible tile adhesive - for example the Mapei® Granirapid™ system of products. For further information, see Timber Effect installation guide (doc ref: AI-43-023ST14).

## Suitable Substrate

All substrates must be flat, mechanically strong, free from loose parts, grease, oil, paint, wax etc. Cementitious substrates must not continue to shrink after installation of the panels.

- Concrete (cured for at least 28 days)
- Cementitious tile backer boards (e.g. USG® Durock™)

For further information, see CSI ArmourFX Timber Effect Panels (doc ref: AI-40-057ST14).

## Test Data

Flame Spread Classification – Class 1 rating (Fire Spread Index = 0 / Smoke Development Index = 0) - in accordance with ASTM E84 "Standard Test Method for Surface Burning Characteristics of Building Materials".

Bond strength – 161 psi – in accordance with ASTM C482-02 "Standard Test Method for Bond Strength of Ceramic Tile to Portland Cement". Result achieved for Timber Effect sample bonded to Fiber Cement panel using Mapei GraniRapid system.

Stain Resistance - Good level of stain resistance achieved when tested using ASTM D1308 "Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes". To achieve excellent stain resistance, as required in food preparation and high traffic areas, panels can be coated with ProtectCoat C-PU.

## Warranty

ArmourFX One Year Limited Panel Warranty on all parts



AFX - TE 7480



AFX - TE 7478



AFX - TE 7471



AFX - TE 7479



AFX - TE 7622



AFX - TE 7627



AFX - TE 7621



AFX - TE 7623



AFX - TE 7626



AFX - TE 7636



AFX - TE 7631



AFX - TE 7634



AFX - TE 7629



AFX - TE 7639



AFX - TE 7632



AFX - TE 7624



AFX - TE 10220



AFX - TE 10221



AFX - TE 10219



AFX - TE 10222

**ARMOUR FX**  
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Panels shipped to site in custom made EPS crates.



Request a sample box at [www.armourFX.com](http://www.armourFX.com)

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ACTE 0518 USA

Design: Shuttered (Board Form) Timber Effect