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COMMON  
FUTURE

**PROCEDURE TO PLASTER MAGNUM BOARD INTERIOR WALL & CEILING  
LINING USING FX INTERIOR / EXTERIOR SUPER BASE COAT X & FX  
INTERIOR / EXTERIOR TOPPING COMPOUND X**



# Contents

|  |    |
|--|----|
| PROCEDURE TO PLASTER MAGNUM BOARD INTERIOR WALL & CEILING LINING USING FX INTERIOR / EXTERIOR SUPER BASE COAT X & FX INTERIOR / EXTERIOR TOPPING COMPOUND X..... | 1  |
| Contents.....  | 2  |
| Products Tools & Equipment .....   | 3  |
| Environmental Conditions .....   | 5  |
| Equipment required to establish and maintaining correct environmental conditions .....   | 5  |
| Surface Preparation .....  | 5  |
| Safety and Environmental Care: .....   | 5  |
| Clean-up:.....   | 5  |
| Storage:.....  | 5  |
| Preparation .....  | 6  |
| Plastering Procedure.....  | 7  |
| Rebated Joins FX Super Base Coat X.....  | 7  |
| Rebated joins FX Topping Compound X.....   | 7  |
| Wall Internal Corners & Ceiling Junctions.....   | 8  |
| PRE-INSPECTION-CHECKLIST .....   | 9  |
| POST-CHECKLIST .....   | 10 |

## Products Tools & Equipment

### FX Super Base Coat X & FX Topping Compound X



### Tapes & Corners



GIB Gold Line



Sheet Rock Paper Tape

### Sheetrock crack free paper edge metal trim



### Broad Knife & Trowel Spatula



**Hawk & Scraper**



**Temperature & Humidity Logger**



**Rebating Tool**



## Environmental Conditions

Environmental conditions required while conditioning FX product, before application of FX product, during application of FX product and during the curing process for FX product require temperature to be at 18-25 degrees Celsius and humidity to be between 40-50%. Conditioning period to be 12-24 hours before application of FX Plaster.

NOTE: HBB have experienced applicators failing to establish and maintain correct environmental conditions throughout the recommended curing and drying process. Failure to maintain correct environmental conditions throughout the curing and drying process will establish performance impacts and aesthetic appearance impacts in FX Super Base Coat X and FX Topping Compound X.

Application of all plaster types to all substrates including FX Super Base Coat X and FX Topping Compound X to Magnum Board when conducted outside of required environmental conditions and required application process will establish product failures impacting final decorative appearance.

This GIB site guide confirms the ways in which plaster can be impacted by incorrect application and application outside of correct environmental conditions. <https://www.gib.co.nz/assets/Uploads/GIB-Site-Guide-2014-Troubleshooting-section.pdf>.

## Equipment required to establish and maintaining correct environmental conditions

Heating unit with thermostat. Temperature and humidity recording device.

## Surface Preparation

Check Magnum Board face surface is level at junctions and butted up tight. All surfaces must be thoroughly cleaned and free of dirt dust and grease. Where fine pin holes in Magnum Board are visible, apply FX Topping Compound X using a trowel or hawk.

## Safety and Environmental Care:

Personal Protection: Wear eye protection and dust mask when sanding, as product may cause eye irritation and inhalation of dust particles may cause respiratory irritation.

## Clean-up:

Slippery when spilled. Restrict access to area until clean-up is completed. When cleaning up spills use PPE. Stop leak if safe to do so and contain spill with absorbent material such as sand vermiculite or other inert material. Prevent spill from entering waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with liberal amounts of cold water.

## Storage:

Store in a cool dry well-ventilated location up from concrete floors and away from direct sunlight. Store away from strong acids and high moisture. Keep containers closed at all times and check regularly for spills. Clean tools frequently with warm water and a sponge to stop compound drying on tools.

## **Preparation**

Prepare product for application up from concrete floors, away from direct sunlight, in environmental conditions required at time of application.

## Plastering Procedure

**NOTE:** Before application it is important to view FX Super Base Coat X and FX Topping Compound X application videos @ <https://vimeo.com/album/544067>.

### Rebated Joints FX Super Base Coat X

#### Step one

Load FX Super Base Coat X onto HAWK using a 150mm – 200mm broad knife/trowel and apply consistent pressure in a cross motion into the joint recess. Working steadily from one end to the other of the joint recess, ensuring the compound fills the joint recess and is evenly and smoothly applied. **NOTE:** consistent pressure is required throughout the entire joint length to ensure air pockets and not trapped in behind FX Super Base Coat X or in voids between joints. Air entrapment will establish poor adhesion leading to delamination and impacts to aesthetic appearance in the complete plastering process most commonly described as peaking.

#### Step two

Apply GIB Gold Line and scrape off any excess compound.

#### Step three

Apply FX Super Base Coat X, over Gold Line Tape using the same method described in step one. Ensure force is applied throughout total length of recess to properly bed FX Super Base Coat X and tape into the recess, ensuring the compound is flush with the sheets. Scrape off any excess compound. Allow 3-4hrs minimum at 18-25°C and 40-50% humidity to establish the curing then drying process before engaging step four.

#### Step four

Prepare for second coat of FX Super Base Coat X by running spatula over first coat surface to remove any raised or loose particulate. Apply a layer of FX Super Base Coat X using the same method described in step one then run down the recess with flat trowel to level off. Allow 3-4hrs minimum at 18-25°C minimum and 40-50% humidity to establish the curing then drying process before application of topping compound.

### Rebated joints FX Topping Compound X

#### Surface Preparation

All surfaces must be thoroughly cleaned and free of dirt, dust and grease.

#### Step one

Stir contents thoroughly before and during use with a broad, flat stirrer using an upward action or a power mixer. Prepare for step two by running the spatula over the Magnum Board surface to remove any raised or loose FX particulate.

#### Step two

Apply FX Topping Compound X using a flat 280mm trowel using a cross motion extending minimum 50mm each side of the recess. Run flat trowel down recess to level off. Allow 3 -4hrs minimum at 18-25°C minimum and 40-50% humidity to establish the curing then drying process

before proceeding to step three.

### **Step three**

Apply second coat of FX Topping Compound X using the same method described in step two. Allow 3-4hrs at 18-25°C minimum and 40-50% humidity to establish the curing then drying process before proceeding to step four.

### **Step four**

Lightly sand using 220 grade sandpaper to prepare for painting. NOTE: allow 5 days minimum period of time before application of Foreverbreathe Paint.

## **Wall Internal Corners & Ceiling Junctions**

### **Step one**

Apply a layer of FX Super Base Coat X to both sides of the wall to ceiling junction. Force must be applied to fill any voids. Apply Sheet Rock paper tape to the junction. Apply a second coat of FX Super Base Coat X over the paper tape. Allow 3 -4hrs minimum at 18-25°C and 40-50% humidity to establish the curing then drying process before proceeding to step two.

### **Step two**

Apply third coat of FX Super Base Coat X. Allow 3 -4hrs at 18-25°C minimum and 40-50% humidity to establish the curing then drying process before proceeding to step three.

### **Step three**

Apply FX Topping Compound X approximately 50mm beyond the previous coat. Allow 3-4hrs at 18-25°C minimum and 40-50% humidity to establish the curing then drying process.

## **Plastering External Corners**

### **Step one**

Apply a layer of FX Super Base Coat X to both sides of corner junction. Force must be applied to fill any voids. Install Sheet Rock Crack Free Paper Based Metal Trim over first layer FX Super Base Coat X. Apply a second layer of FX Super Base Coat X feathering 50mm outside metal trim. Allow 3 -4hrs at 18-25°C minimum and 40-50% humidity to establish the curing then drying process before proceeding to step two.

### **Step two**

Apply FX Topping Compound X Feathering approximately 50mm beyond the previous coat. Allow 3-4hrs at 18-25°C minimum and 40-50% humidity to establish the curing then drying process. Sand and prepare for painting.

### **Step three**

Lightly sand using 220-grade sandpaper to prepare for painting.



# PRE-INSPECTION-CHECKLIST

## PLASTERING MAGNUM BOARD WALLBOARD WITH FX SUPER BASE COAT X & FX TOPPING COMPOUND

|                     |  |  |
|---------------------|--|--|
| Company Name:       |  |  |
| Address             |  |  |
| Name of contractor: |  |  |
| Date                |  |  |

|  |  |
|--|--|
| Temperature maintained between 18-25°Celsius and humidity maintained at 40-50%   |  |
| FX product stirred and conditioned to room temperature   |  |
| FX product positioned away from contact with concrete  |  |
| Timber framing moisture content has been confirmed by local council at 18%.  |  |
| Magnum Board surface prepped and cleaned   |  |
| Equipment on site to maintain correct environmental conditions before application and during application of FX Plaster |  |
| Health and Safety plan in place  |  |
| Application video accessed with pre-inspection checklist completed and stored on record                                |  |

|   |  |
|---|--|
| <b>Tools, equipment and materials</b>                                 |  |
| FX Super Base Coat X  |  |
| FX Topping Compound X   |  |
| GIB Gold Line Tape  |  |
| Sheet Rock Paper tape   |  |
| Sheet Rock Crack Free Paper Based Metal Trim                          |  |
| 150-200mm trowel  |  |
| Hawk & Broad Knife  |  |
| Stirrer   |  |
| 220-grade sandpaper   |  |
| Environmental management equipment as per listed in equipment section |  |
| Dust Mask   |  |
| Eye Protection  |  |

# POST-CHECKLIST

## FOR PLASTERING MAGNUM BOARD WALLBOARD WITH FX SUPER BASE COAT X & FX TOPPING COMPOUND X

|                     |  |  |
|---------------------|--|--|
| Company Name:       |  |  |
| Address             |  |  |
| Name of contractor: |  |  |
| Date:               |  |  |

|   |  |
|---|--|
| Magnum Board Wall and Ceiling Lining is considered ready for application of paint |  |
| Evidence of correct environmental conditions being maintained during application  |  |
| Waste material is removed or positioned for removal                               |  |
| Pre- and Post-Checklists are completed and stored on record                       |  |