

# Enviro GTX

## Superior Grade, One Part, Polyfibre Reinforced, Flexible Tile Adhesive



### DESCRIPTION

Enviro GTX is a high performance, superior grade, one part, flexible tile adhesive formulated for use over EnviroSystems waterproofing membranes 200P Ultra, 700X (Sand Seeded), 700X and HP1200. Enviro GTX is designed for superior coverage, strength and flexibility and to withstand movement in substrates. It meets C2S2TE classifications.

### FEATURES

- Non-Slump
- Internal/External
- Floor/Wall
- White
- Light Weight PFR
- Superior Coverage
- Apply over Enviro 200P Ultra, 700X & HP1200

### TYPICAL USES

Enviro GTX can be used in a variety of tiling applications for bonding ceramic tiles, marble, porcelain, vitrified stone and mosaic tiles.

- Bathrooms
- Laundries
- Kitchens
- Balconies
- Stairways

### PHYSICAL PROPERTIES

Appearance	White
Open Time	20mins @ 23°C
Dry Time	24 hrs @ 23°C
Pot life	60 mins (weather dependant)
Mix ratio	Approx. 5.5L water per 15kg

### SUBSTRATE PREPARATION

Ensure that concrete is sufficiently cured as per AS 3958.1-1991. Allow rendered surfaces to cure for a minimum of 7 days. Ensure surfaces are sound, dry and free from all contaminants such as grease, oil, dust, release agents, curing compounds etc. Steel trowelled finished concrete surfaces should be mechanically and chemically abraded. The concrete should not exceed 5mm in 3m variation (maximum) of plane for floors and 4mm in 2m for walls.

For further information on substrate preparation or for project specific advice, please consult EnviroSystems.

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### PRIMING

#### Enviro 200P Ultra

When using over 200P Ultra & 700X (sand Seeded) no primer or additive is required.

#### Enviro 700X

If tiling directly to Enviro 700X, after achieving the required dry film thickness, it is recommended that an additional thin coat of Enviro 700X be applied and broadcast with aggregate at a rate of 0.5kg/m<sup>2</sup> to promote adhesion. Typically, the optimum tiling window is 24-72hrs.

#### Enviro HP1200

When tiling over HP1200 apply primer and allow to dry approx 20 - 40 minutes. When tiling over HP1200 use additive at min rate of 500ml per 15kg Bag of Enviro GTX tile adhesive. This can be increased to 1lt if extra adhesion is required.

**NOTE:** For further information on applications that may not require priming or for project specific advice, please consult EnviroSystems.

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## EXPANSION JOINTS

Expansion joints must be applied as follows;

- Over existing joints in substrates
- Between 2 different substrates (timber to concrete)
- Around fixed elements (e.g. Columns)
- internal corners
- Around floor perimeters
- If internal substrate dimensions exceeding 15m (or 9m in direct sun)
- External exceeding 4.5m, Internal exceeding 6m
- Expansion joints must be filled with a flexible sealant such as Enviro Seal PUR
- Expansion joints should be installed in accordance with AS 3958.1-2007
- Expansion joints must photograph through the adhesive bed and be kept clean from adhesive or dirt
- Expansion joints should be >5mm and <100mm

## MIXING

A 15kg bag of Enviro GTX requires 5.5 litres of water. Add water to a clean container and slowly add powder while mixing mechanically at a slow speed. Mix continuously until a uniform, lump free consistency is achieved. Please note, the powder should always be added to the water.

Once uniformly mixed, allow to sit for 3 minutes and then re-stir. Enviro GTX is now ready for use.

Note: When mixing additive, first add the additive to water at a min rate of 500ml, and up to 1lt if extra adhesion is required. Do not exceed total liquid mix of 5.5lt.

5.5 L = 5.0 L water + 500ml additive  
5.5 L = 4.5 L water + 1 L additive

## APPLICATION

All tiling must be carried out in accordance with AS3958-2007 – A Guide to Tiling.

A 10mm trowel should be used for floor tiles up to 330mm x 330mm. For larger tiles, use a 12 mm trowel.

A 6mm trowel should be used for mosaic tiles on the floor. For wall tiles up to 200mm x 250mm, a 6mm trowel should be used.

For larger wall tiles, an 8-10mm trowel should be used. Do not apply more than 1m<sup>2</sup> of Enviro GTX at a time.

To ensure no voids occur and full coverage of adhesive is achieved, press tile into adhesive giving a twisting and front and back sliding motion.

For larger or tiles with uneven or lugs on the rear, it may be necessary to “butter” the rear of the tile in addition to applying adhesive to the substrate.

Adhesive bed thickness should be between 2mm to 10mm.

Grouting can commence after 24 hours, once tile adhesive is firm.

For further information regarding application of Enviro 200P Ultra or for project specific advice please consult Enviro systems.

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## COVERAGE

The consumption of Enviro GTX will depend on weather, substrate conditions and application techniques.

### Typical coverage per 15kg bag

12m<sup>2</sup> on walls, when using 6mm notched trowel  
7m<sup>2</sup> on floors, when using 10mm notched trowel

## CURE

Enviro GTX will take approximately 24 hours to cure at 23°C and 50% RH.

## PACKAGING & COLOURS

Enviro GTX is supplied in 15kg bags.

## CLEANING

Excess Enviro GTX can be cleaned using a damp cloth. Tools can be cleaned up with water prior to curing. Cured material must be mechanically removed.

## SHELF LIFE

Enviro GTX can be stored in its original sealed containers for 12 months, when placed in a cool, dry environment. Once opened and resealed for later use, the shelf life could vary depending on storage conditions. Always check product quality before using after prolonged periods of storage. If unsure please contact Enviro systems for advice.

## HEALTH & SAFETY ADVICE

Enviro GTX is non -hazardous according to Safe Work Australia criteria, however, as a precaution, always provide good ventilation when applying. Wash off splashes of material with clean water, wear gloves and eye protection. If irritation is experienced seek medical advice. Refer to the Safety Data Sheet for full safety and handling procedures.

**NOTE:** Safety Data Sheets are available upon request by emailing [customerservice@envirosystems.com.au](mailto:customerservice@envirosystems.com.au)



## We're here to help you!

It is a good idea to keep a journal of your waterproofing job, whether big or small.

- Take pictures at all stages of your work, including preparation
- Record the quantity and description of products used with corresponding batch numbers
- Record dates and times of when you applied products, from start to finish

Please do not hesitate to contact us for any questions you may have.

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### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use of application and no warranty as to accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

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