



# Enviro GTA

## General Purpose Tile Adhesive



### DESCRIPTION

Enviro GTA is a white, non-slump, cementitious general-purpose tile adhesive designed for bonding ceramic tiles, marble, porcelain, vitrified, stone and mosaic tiles onto concrete, render and blockwork. Enviro GTA can be used for both internal and external applications and can be applied over EnviroSystems acrylic based waterproofing membranes.

### FEATURES

- Non-Slump
- Internal/External
- Floor/Wall
- White
- Polyfibre Reinforcement
- Australian Made
- Complies with AS4992.1 (C1S1TE)

### TYPICAL USES

Enviro GTA can be used in most variety of tiling applications including:

- Bathrooms
- Laundries
- Kitchens
- Balconies
- Stairways

### PHYSICAL PROPERTIES

Appearance	White
Open Time	22mins @ 20°C
Dry Time	24 hrs @ 20°C
Pot life	45 mins (weather dependant)
Mix ratio	4.5L water per 20kg

### 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.

[customerservice@envirosystems.com.au](mailto:customerservice@envirosystems.com.au)

### PRIMING

Apply primer by brush, roller or broom to area and allow approximately 5 minutes drying.

**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 (eg. Columns)
- 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 20kg bag of Enviro GTA requires 4.5 liters of water. Add water to a clean container and slowly add powder while mixing mechanically at 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 5 minutes and then re-stir. Enviro GTA is now ready for use.

## APPLICATION

All tiling must be carried out in accordance with AS3958-2007 – A Guide to Tiling. For floor tiles up to 330mm x 330mm use a 10mm square notched trowel and a 12mm for larger tiles. A 6mm trowel should be used for mosaics tiles on the floor. For wall tiles up to 200mm x 250mm, a 6mm trowel should be used and for larger wall tiles, an 8-10mm. Do not apply more than 1m<sup>2</sup> of Enviro GTA 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 at least 2mm. Grouting can commence after 24 hours when tile adhesive is firm.

For further information regarding application of Enviro GTA or for project specific advice please consult EnviroSystems.

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## COVERAGE

The consumption of Enviro GTA 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 GTA will take approximately 24 hours to cure at standard room temperature.



## PACKAGING & COLOURS

Enviro GTA is supplied in 20kg bags.

## CLEANING

Excess Enviro GTA 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 GTA 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 EnviroSystems for advice.

## HEALTH & SAFETY ADVICE

Enviro GTA contents are considered non-flammable. Always provide adequate ventilation and wear appropriate Personal Protection Equipment (PPE) during use. Avoid breathing vapours. Avoid contact with skin. If swallowed, DO NOT induce vomiting, give glass of water and seek immediate medical advice. If contact with skin, wash off splashes of material with clean water and soap. If irritation occurs seek immediate 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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