



Enviro 800 T.C.

Non-Yellowing Trafficable Polyurethane Coating



DESCRIPTION

Enviro 800 TC is a 2 pack flexible, non-yellowing trafficable polyurethane coating. Enviro 800 TC is designed to provide a durable, tough, top coat for systems over concrete, and for areas of high wear such as roads and bridge decks.

FEATURES

- Flexible
- UV Resistant
- Tough
- Low VOC
- Non-Yellowing
- Rapid Curing

TYPICAL USES

Enviro 800 TC is an integral component of the Enviro Trafficable Systems, where structures require waterproofing and heavy vehicular traffic, such as bridge decks. Enviro 800 TC can be applied to a suitably primed concrete substrate where heavy duty wear application exists as:

- Car Park Decks
- Loading Bays
- Marine
- Multistorey Buildings
- Pontoons
- Bridge Decks
- Balconies
- Platforms

PHYSICAL PROPERTIES

UV resistant (QUV 1000hrs) ASTM G 154 (UVB/313)	(QUV 1000hrs) ASTM G 154 (UVB/313)
Colour	Various Colours
Pot Life	Up to 5 hours at 20°C
Volume Solids	47%
Touch Dry	Approx. 40 - 50 mins
Hard Dry	Approx. 24 hours
Recoat Time	16 - 24 hours depending on temp.
Mixing Ratio	4:1 Pt A :Pt B

SUBSTRATE PREPERATION

Concrete must be thoroughly cured, dry and free of oils, grease, dust, dirt, curing compounds and release agents. Grit blast, scarify or mechanically abrade substrate to remove laitance, loose material and surface contaminants.

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

customerservice@envirosystems.com.au

PRIMING

Apply directly over existing Enviro membrane systems such as Enviro HP1200 & Enviro 700X (refer to technical dept.) or apply Enviro Prime P2 to bare substrate prior to application of Enviro 800 TC

NOTE: For further information on applications that may not require priming or for project specific advice, please consult EnviroSystems. customerservice@envirosystems.com.au

MIXING

Enviro 800 TC should be thoroughly mixed using a mechanical mixer at low speed prior to application.

APPLICATION

Add Part B to Part A and mix to a uniform colour and consistency for a minimum of 3 minutes. Allow to react for 10 minutes before application. Use short nap (5-6 mm) mohair roller lint free. For optimum performance in temperatures >30°C, thin Enviro 800 TC with Enviro Thinner No.8 to 10%.





Allow to react for 15 minutes when thinning with Enviro Thinner No.8 before application. Do not apply in damp or wet conditions. Do not apply at low temperatures < 10°C, as curing will be delayed.

NOTE: Allow each coat to sufficiently dry before proceeding to the next coat. Thicker coat will take longer to dry.

For further information regarding application of Enviro 800 TC or for project specific advice, please consult EnviroSystems.
customerservice@envirosystems.com.au

COVERAGE

The consumption of Enviro 800 TC will depend upon substrate condition and type.

9.5 sq. m per L at 50 µm dft
6.5 sq. m per L at 75 µm dft

PACKAGING & COLOURS

Enviro 800 TC is supplied as a 20 Litre kit. Enviro 800 TC is available in Neutral Grey N23 (Australian Standard colour) or can be made to order in colours from the Australian Standards colour chart. Please allow 10 working days for made to order colours.

CURE

Enviro 800 TC will reach full cure after 7 days.

CLEANING

Hand tools, brushes, power tools can be cleaned with Enviro Thinner No. 8 prior to curing.

SHELF LIFE

Enviro 800 TC 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

When using Enviro 800 TC always provide adequate ventilation and wear appropriate personal protection equipment (PPE) during use. Avoid contact with skin, avoid breathing vapours. Wear protective eyewear. If inhalation effects occur remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed. Seek medical attention, Refer MSDS for full details. 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

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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