

Enviro 820 TC

Moisture Curing Aliphatic Polyurethane Coating



DESCRIPTION

Enviro 820 TC is a moisture curing aliphatic polyurethane coating, which cures to an extremely tough and durable coating resistant to yellowing and effects of sunlight.

In addition to its aliphatic nature Enviro 820 TC contains unique UV absorbers for additional UV protection.

FEATURES

- Single pack
- Non-yellowing
- UV resistant
- Exterior and interior use
- Easy to apply, brush & roller
- Industrial & commercial flooring

TYPICAL USES

- Industrial and commercial flooring
- Protective glaze coat for trafficable areas
- Protection of concrete against staining from spills
- Enhancement of aggregate particles of diamond ground concrete

PHYSICAL PROPERTIES

Appearance	Clear	
Volume Solids	40%	
Thinning	Not required	
Finish	Gloss	
Drying Characteristics at 25°C & 75% RH		
Touch Dry	2 hours	
Hard Dry	24 hours	
Foot Traffic	24 hours	
Application Conditions		
	Min.	Max.
Air Temperature	5°C	45°C
Substrate Temperature	5°C	45°C
RH %	40	85
Concrete Moisture		<15
Recoating & Top Coat Ability	6-8 hours	48 hours

SUBSTRATE PREPARATION

Concrete should be at least 28 days old before coating. Remove all laitance, curing compounds, oil, grease and other surface contaminants.

Diamond grind, track or light shot blast concrete floors.

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

customerservice@envirosystems.com.au



APPLICATION

It is recommended to decant sufficient product to suitable tray & seal the original container. Do not return unused product to original container.

Roller Application – Optimum application performance is with a lint free 6mm mohair/gloss roller.

Conventional & Airless Spray – Not recommended.

For further information regarding application of Enviro 820 TC or for project specific advice please consult EnviroSystems.

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CHEMICAL RESISTANCE

Acids	Good resistance to spills & splashes of mild acids.
Alkalis	Good for splash & spills.
Solvents	Very good for splashes of aromatic and aliphatic hydrocarbon solvents.
Water	Very good for splashes & spills of fresh & salt water.
Immersion	Not recommended.

COVERAGE

The consumption of Enviro 820 TC will depend upon substrate condition and type.

8 sq. m per L at 50 µm

PACKAGING & COLOURS

Enviro 820 TC is supplied in 4L & 20L kits.

CLEANING

Enviro 820 TC should be removed from all hand tools, brushes, power tools with Enviro Thinner No. 1 prior to curing.

SHELF LIFE

Enviro 820 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

Enviro 820 TC contents are flammable. Keep away from naked flame. In the event of fire extinguish with foam or CO. 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.

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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