

ENDURAFLEX

SYSTEM DATA SHEET

UV Stable Flexible Polyurethane deck coating. Foot trafficable Waterproofing system.



FEATURES & BENEFITS

- Slip resistant to P4 according to AS4586 2013
- Low Odour
- User friendly, easy application by roller
- Waterproofing Flexible system
- UV stable
- Hard wearing-foot and light trolley traffic only
- Vast colour range
- Crack bridging
- Seamless finish

TECHNICAL SNAPSHOT



ABRASION RESISTANCE

Good for foot and rubber wheel non vehicular traffic



BOND STRENGTH TO CONCRETE

>1.5Mpa



DRY HEAT RESISTANCE

120°C



VOC

Under 40grams/Litre ,conforms to Green Star Design



CHEMICAL RESISTANCE

Good - The following chemicals are an example only, based on ambient temperature exposure. Consult A&I for further information and any chemicals not listed below.

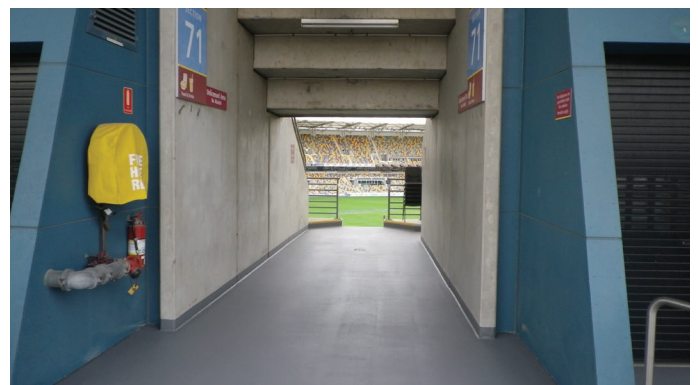
- Sodium Hydroxide 10% in H₂O
- Oil
- Sulphuric acid 30%
- Grease
- Beer
- Acetic acid 5%
- Organic Food Matter
- Hydrocarbon Solvents

Note: aesthetic staining is not classed as failure. Spills and splashes should be cleaned and removed within 24hrs



TYPICAL USES

- Stadiums
- Mezzanine floors with movement
- Podiums
- Balconies
- Plant rooms
- Bunded areas



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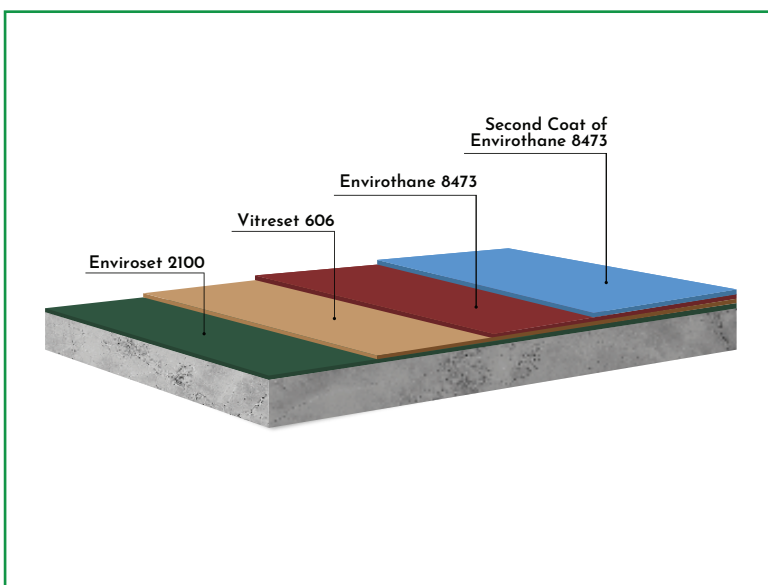
PREP AND SUBSTRATE REQUIREMENTS

- Suitable substrates are concrete, CFC and mineral based substrates.
- Substrate to be min 25Mpa compressive strength and 1.5Mpa pull off value.
- Substrate must be free of rising moisture and must have an effective damp proof membrane. Substrate moisture content must be below 4% pbw.
- Surface must be sound, dry, free from all loose material, laitance, old coatings, dust and surface contaminants (e.g. oil, grease, chemicals, release/curing agents etc.).
- Concrete must be suitably keyed to ensure good coating adhesion. This can be achieved by diamond grinding to minimum ICRI CSP 2.
- Remove all loose matter through vacuum cleaning.

ATMOSPHERIC REQUIREMENTS

- Substrate surface temperature to be 3°C above dew point during installation and initial set
- Below 85% RH
- Application temperature between 10 – 30°C

SYSTEM BUILD UP refer to individual product sheets for detailed product information.



APPLICATION:

- 1/ Prime with Enviroset 2100 at 7m²/litre.
(If required apply a second coat of primer using Enviroset 2100 at same coverage. The concrete should have a sealed look without absorbency.)
- 2/ Apply membrane layer of Vitreset 606 at 1.5-2mm using notched rubber V squeegee and spike roller.
- 3/ Apply Envirothane 8473 at 7m²/litre.
- 4/ Apply Second Coat Envirothane 8473 at 7m²/litre.
Note the slip resistance media is contained within Envirothane 8473 so broadcasting is not required.

*Follow directives and installation instructions and intercoat timelines as listed in each TDS.

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CURING TIMES

- Pedestrian traffic: 48hrs at 22°C
- Full Cure: 7 days at 22°C at 60% humidity
- Curing times are subject to change depending on the ambient temperature
- Ensure no water contact for at least 2 days

FOR SPECIFIERS

SPECIFY:

“Floor coating system to be Enduraflex as supplied by A&I Coatings PTY LTD”

OPTIONS	Slip Rating	Colour	Finish
	P4	Choose from standard colours or any AS 2700 Colour	Satin

STANDARD COLOURS:



IMPORTANT NOTES

- For consistent colouration, ensure the colour is from the same batch over the course of the project.
- Any expansion joints must be reflected through the system and filled with a flexible joint sealer after system application.
- Not suitable for vehicular traffic.