



## Bauer Epoxies

Adelaide, South Australia  
Established 1963

# Evercote 308 Protective Epoxy Surface Coating

## Description

Evercote 308 epoxy resin is a versatile, problem solving, solvent free epoxy formulation suitable for a wide range of industrial applications.

It can be used for concrete protection and restoration, as well as an anti-corrosive coating for metal surfaces.

## Special features

With its easy flowing, good penetration and non-shrink properties, EC 308 will effectively fill and seal all tiny pores and pinholes present in concrete surfaces.

EC 308 has excellent acid and alkali resistance and will resist any attack by salt water.

It can be applied in damp or very humid conditions and will cure in adverse weather conditions because it is a hydrophilic (water loving) epoxy while curing.

## Meets Australian Standards

EC 308 is suitable for use with potable water. It is compliant with AS/NZs 4020:2005 tests for safe use when in contact with drinking water.

EC 308 is food grade standard.



### Evercote 308 Terracotta

Winery Ferment Building, EC308 flooring, drain lining and epoxy mortar tank leg bases.



### Evercote 308 Grey

Concrete restoration and protective coating to winery waste effluent weir.



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## Acid and Alkali Resistance

Reagent Time period 4 months	Result
Distilled water	no effect
Sulphuric acid 5%	no effect
Hydrochloric acid 15%	no effect
Sodium hydroxide 20%	no effect
Methyl isobutyl ketone	no effect
Ethyl alcohol	no effect
Toluene	no effect
Aviation gasoline	no effect
Styrene monomer	no effect

## Coverage

Being solvent free, wet film thickness equals dry film thickness

Film thickness	Quantity	Coverage
1000 microns	1L	1 m <sup>2</sup>
500 microns	1L	2 m <sup>2</sup>
250 microns	1L	4 m <sup>2</sup>
125 microns	1L	8 m <sup>2</sup>



**Safety Line Marking**

## Properties uncured

Compound:	pigmented liquid
Hardener:	clear amber liquid
Pot life:	1 hour at 20°C
Touch dry:	6-8 hours (concrete) 4-8 hours (metal)
Foot traffic:	24 hours
Full cure:	5-7 days

## Properties cured

Colour:	as required
Impact resistance:	5.42 J
Buchholz:	45

## Technical Data

Tensile strength:	62.00 N/mm <sup>2</sup>
Flexural yield:	51.71 N/mm <sup>2</sup>
Water absorption:	nil (0%)
Water vapour resistance:	100%
Fire resistance:	non-inflammable
Anti-microbiological growth:	yes



**Evercote 308 Sandstone**