

FEATURES

Advantages:

- Isocyanate free
- Excellent colour retention
- Excellent gloss retention
- Good chemical resistance
- Good chalk resistance
- Excellent durability
- Excellent self recoatability

Limitations of Use:

- Colour may change as temperature approaches 121°C, but the film will remain intact
- E~Line® 929 Clear is unable to be applied by airless and air assisted airless spray equipment

Performance Data:

- Adhesion (ASTM D4541) - Excellent
- Humidity Resistance (ASTM D2247) - Very Good
- Abrasion Resistance (ASTM D4060) - Very Good
- Elongation (ASTM D522 Method B) - Very Good

Approvals:

- MAF Dairy Division
- MAF Meat, Fish and Game Division

RECOMMENDED USES

E~Line® 929 is an ISOCYANATE FREE high Gloss, high performance, two component, chemically cured acrylic epoxy.

In E~Line® 929 the durability and toughness of the epoxy has been combined with the colour and gloss retention properties of the acrylic polymer to provide a coating which has excellent gloss and colour retention as well as excellent resistance in moderate to severe corrosive environments.

E~Line® 929 is a superior finish coat for:

- All above water areas
- Industrial facilities
- Off-shore structures
- Bridges and storage tanks
- Structural steel

E~Line® 929 is suitable for use in all areas where polyurethane coatings have traditionally been used.

SPECIFICATION DATA

Coating Type:	Cross linking Acrylic Epoxy
Colour:	AS2700, 844, BS5252 colours
Packaging:	1 litre and 5 litre (Made to order)
Mix Ratio:	4:1 by volume
Gloss:	High gloss
Flash Point:	27 °C Setaflash
Thinner:	No 5 Thinner (X-100 – Winter Thinner)
Pot Life:	5 hours at 25 °C
Induction Time:	30 minutes at 25 °C
Storage:	Store under cool dry conditions

Density:	1.2 kg per litre
VOC:	490 g per litre
Temperature Resistance:	121 °C dry
Volume solids (mixed):	44 %
Theoretical Coverage Rate:	9.0 sq. metres per litre at 50 microns dry
Recommended Film Thickness Per Coat:	111 microns wet to obtain 50 microns dry
Application:	Spray, Brush or Roller
Dry Times (50µm DFT / 50% RH):	
Recoat – minimum:	5°C 15°C 25°C 30°C
Self	12 hrs 5 hrs 2 hrs 2 hrs
Recoat – maximum:	5°C 15°C 25°C 30°C
Self	240 hrs 240 hrs 120 hrs 96 hrs

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Oil or grease should be removed in accordance with AS1627.1 solvent cleaning. Surface defects revealed by the preparation process, should be ground, filled, or treated in the appropriate manner. Clean to remove all grit dust and debris and ensure the surface is dry.

Suitable Primers:

E-Line[®] 929 is designed to be applied to suitably prepared surfaces primed with one of the following compatible primers.

Mild Steel:

Altra-Build[®], Altra-Etch[®], Altra-Prime[®], Altra-Shield[®]
Altra-Zinc[®] coatings

Aluminium and Galvanising:

Altra-Bond[®], Altra-Etch[®], Altra-Prime[®], Altra-Shield[®]

Timber:

Altra-Build[®], Altra-Prime[®], Altra-Shield[®], Everseal,
Altra-Lock[®] 577.

GRP/ Epoxy Laminate:

Altra-Build[®], Altra-Prime[®], Altra-Shield[®]

Concrete:

Altra-Build[®], Altra-Etch[®], Altra-Prime[®], Altra-Shield[®],
Altra-Lock[®] 577

DIRECTIONS FOR USE

Mixing:

E-Line[®] 929 is a two component product supplied in 1 litre and 5 litre kits which contain the correct ratio of ingredients. Power mix the base portion first to obtain a smooth homogeneous condition. After mixing the base portion, slowly add the converter whilst continuing to agitate at slow speed. After addition of the converter is complete, continue to mix slowly until homogeneous.

Higher temperatures will reduce the working life of the coating; lower temperatures will increase it.

Thinning:

Thinning maybe required to assist application. Any solvent addition should be made after the two components are thoroughly mixed. Excessive thinning can cause low film thickness and coating defects.

Clean-up:

Use No 5 Thinner.

Application:

Application by either conventional air spray or airless spray equipment is the preferred method. For touch-up and repair to small areas, E-Line[®] 929 can be applied by brush and roller. E-Line[®] 929 Clear is unable to be applied by airless and air assisted airless spray equipment. Suggested spray equipment is:

Air Spray:	Binks - type 2001 gun, 66SS Fluid Nozzle, 63P8 Air Nozzle DeVilbiss - JGA Gun, D Fluid Nozzle 64 Air Nozzle
Airless Spray:	Binks - 88-36 pump, Airless 1 0.019 - 0.025" tip Graco - 45:1 pump, Contractor Gun, 0.019-0.025" RAC IV tip

Note: Other equipment equivalent to the above may be used.

Additional coats maybe required to achieve the desired opacity and depth of colour, depending on the colour selected.

PRECAUTIONS

For industrial use only.
See the Altex Coatings Limited General Safety Data Sheet, product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

E-Line[®] 929 is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation.
May cause eye and skin irritation.
Do not breathe vapour or spray.
Wear suitable protective clothing such as gloves and eye and face protection.

ALTEX COATINGS LIMITED

<p style="text-align: center;">Head Office New Zealand</p> <p>91-111 Oropi Road Greerton, Tauranga PO Box 142 Tauranga Mail Centre</p> <p>Phone: +64 7 5411 221 Fax: +64 7 5411 310 www.altexcoatings.co.nz</p>	<p style="text-align: center;">Head Office Australia</p> <p>7 Production Avenue Ernest Junction Queensland 4214 Australia</p> <p>Phone: +61 7 5594-9522 Fax: +61 7 5594-9093 www.altexcoatings.com.au</p>	<p style="text-align: center;">DISCLAIMER</p> <p>This is not a specification and all of the information is given in good faith. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the sole responsibility of the user. The manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. For application in special conditions, consult the manufacturer for detailed recommendations.</p>
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