

FEATURES

Advantages:

- Isocyanate free
- Improved early curing
- Improved early self-recoatability
- Improved wet edge - cuts over-spray 'flashing'
- Excellent colour and gloss** retention
- Brighter cleaner deep mass-tone colours
- Lead and chrome-free colour range
- Excellent gloss retention
- Good chemical resistance
- Good chalk resistance
- Excellent durability
- Excellent aged self recoatability

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
- Typical Gloss - Colour Dependant - 83+ Gloss Units
- **Improved Gloss Retention - 96% Gloss Retention after 3000 hours QUV-A exposure (white finish)

Approvals:

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

RECOMMENDED USES

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

In E~Line 929-IF® 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.

Especially re-formulated for improved wet-edge time makes this new formula E~Line 929-IF® well suited to application on large surfaces such as tank exteriors.

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

- All above water areas
- Areas subject to chemical spills and fumes
- Industrial facilities
- Off-shore structures
- Bridges and storage tanks
- Structural steel

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

Limitations of Use:

- Colour may change as temperature approaches 121°C, but the film will remain intact

SPECIFICATION DATA

Coating Type:	Crosslinking Acrylic Epoxy
Colours:	White, Black, Golden Yellow LF, 844 Colours and most BS and AS Shades
Packaging:	5 litre kits (& 1.25 in White) Two-component kits
Mix Ratio:	4 to 1 by volume
Gloss:	High
Flash Point:	27°C Setaflash
Thinner:	No.5 Thinner
Pot Life (at 25°C):	8 hours
Induction Time:	30 minutes at 25°C
Storage:	Store under cool, dry conditions

Density:	1.2 kg per mixed litre
VOC (EPA 24):	490 grams per litre
Temperature Resistance:	121°C dry
Volume Solids (Mixed):	44%
Theoretical Coverage:	9 square metres per litre at 50 µm DFT
Recommended Film Thickness:	111 µm wet to obtain 50 µm dry. Do NOT attempt to overbuild this product
Application:	Spray, Brush or Roller
Dry Times (at 25°C / 50 µm DFT / 50% RH):	
Touch Dry	1 hour
Hard Dry	8 hours
Recoat	Overnight minimum

SURFACE PREPARATION

All surfaces must be clean, dry and free of oil, grease, moisture, form release agents, curing compounds, laitance and other foreign matter. To ensure the best appearance the primer or undercoat should be smooth and free of any defects such as runs, dry spray or heavy orange peel.

New Surfaces:

Steel: Clean and prime. Suitable primers are Altra~Prime 504[®], Altra~Zinc 605[®] and Altra~Shield 2000[®].

Concrete & Concrete Floors: Cure at least 28 days. Acid etch or sweep abrasive blast to remove laitance. Seal with Altra~Lock 577.

Previously Painted Surfaces:

Remove loose and peeling paint. Scuff sand glossy areas. Test compatibility of old by application of a test patch. If they lift, remove them. Prime bare areas with one of the primers specified under **New Surfaces**.

DIRECTIONS FOR USE

Mixing:

E~Line 929-IF[®] is a two component product supplied in 1.25 and 5 litre kits which contain the correct ratio of ingredients. The entire contents of each container must be mixed together.

Mix the base portion and converter portions separately to a smooth homogeneous condition. Whilst stirring the base portion, slowly add the converter. After the converter addition is complete stir the entire mix for a further 5 minutes. Allow the mix to stand for 30 minutes prior to application.

The pot life of the mixed material at 25°C is 8 hours. Higher temperatures will reduce the working life of the coating; lower temperatures will increase it.

Thinning:

Thinning at rates up to 15% addition of Altex No.5 Thinner is not unusual, depending upon spray-equipment set-up and environmental conditions.

Application:

E~Line 929-IF[®] can be applied by spray, brush or roller.

Application by either conventional air spray or HVLP spray equipment is the preferred method.

E~Line 929-IF[®] may be applied to small areas by brush and roller.

Suggested spray equipment is:

Air Spray Graco - Delta Air spray gun, 2.2mm (0.086") or 1.8mm (0.070") set up

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

Ensure all equipment and lines are clean and moisture free.

Do not apply over wet surfaces or under very humid conditions where condensation or fog could settle on the coating during the curing process.

Clean-up:

Use No.5 Thinner.

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-IF[®] 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

Head Office New Zealand	Head Office Australia	DISCLAIMER
91-111 Oropi Road Greerton, Tauranga PO Box 142 Tauranga Mail Centre Phone: +64 7 5411 221 Fax: +64 7 5411 310 www.altexcoatings.co.nz	7 Production Avenue Ernest Junction Queensland 4214 Australia Phone: +61 7 5594 9522 Fax: +61 7 5594 9093 www.altexcoatings.com.au	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.