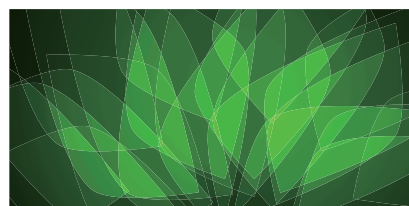
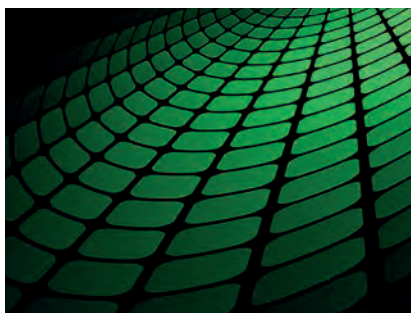




A New **Era** in Polyurethanes

Company Profile



Era Polymers

Introduction

Era Polymers is a family owned independent polyurethane systems house founded in 1986 by George and Tina Papamanuel in Sydney, Australia.

Since inception, this dynamic, Australian owned and operated company has grown to become a recognised leader in the global polyurethane market.

As an independent company, **Era Polymers** has been able to form important global partnerships allowing **Era Polymers** to offer the highest quality polyurethane systems which are also manufactured in strategic locations around the world.

The Company

Era Polymers is headquartered in Sydney, Australia as is **Era Polymers'** R&D Centre which supports a team of development chemists, the NATA* accredited laboratories as well as an extensive array of testing equipment.

Also located in Sydney are two world class manufacturing sites - **Samos Ena** and **Samos Dio**. At these sites, **Era Polymers** manufactures polyurethane systems for elastomers, foams spray systems, membranes and coatings.

Located in Melbourne, **Era Polymers** operates a third Australian operation – **Applied Polymers**. This production site is responsible for the development of high performance insulation systems, in particular for the LNG (Liquefied Natural Gas) Industry, as well as specialised polyurethane elastomer systems.

Era Polymers NZ Limited manufactures and distributes polyurethane elastomer and foam systems to the New Zealand market from a production site centrally located in Auckland.

Era Polymers Africa, from a state-of-the-art production facility in Johannesburg, develops and manufactures polyurethane elastomer, foam and spray systems for supply to South Africa and the African continent.

Era Polymers USA, Samos Exi, manufactures urethane prepolymers supplying the USA, Canadian, Mexican, South American and European markets.

Era Polymers' focus on export markets has resulted in more than 78 countries being serviced and supplied by **Era Polymers**. **Era Polymers'** manufacturing **facilities** ensure products into these markets are expedited decreasing response times and shortening delivery lead times, while ensuring that product quality is never compromised.

Era Polymers' commitment to ensure that doing business with **Era Polymers** is always as easy as possible, legal entities have been established in Europe with **Era Polymers Limited**, in Malaysia with **Era Polymers Sdn Bhd** and in Singapore with **Era Polymers Pte Ltd**.

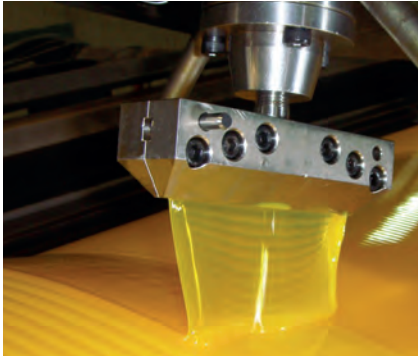
Continuous investment in people, R&D, production and in technology has resulted in **Era Polymers** maintaining the leading edge in global polyurethane systems development, manufacturing and delivery.

* National Association of Testing Authorities



Business Units & Product Ranges

Era Operates Six Business Units:



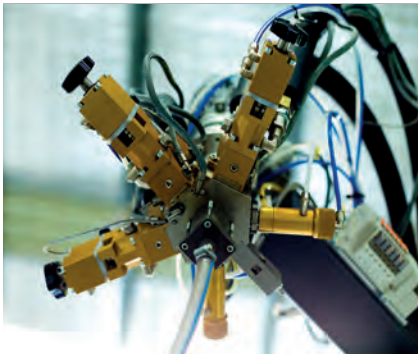
ELASTOMERS



FOAM SYSTEMS



MEMBRANES & COATINGS



**DISPENSING
MACHINERY**



TRADING



TOLL MANUFACTURING

Global Reach



Polyurethane Elastomer Systems

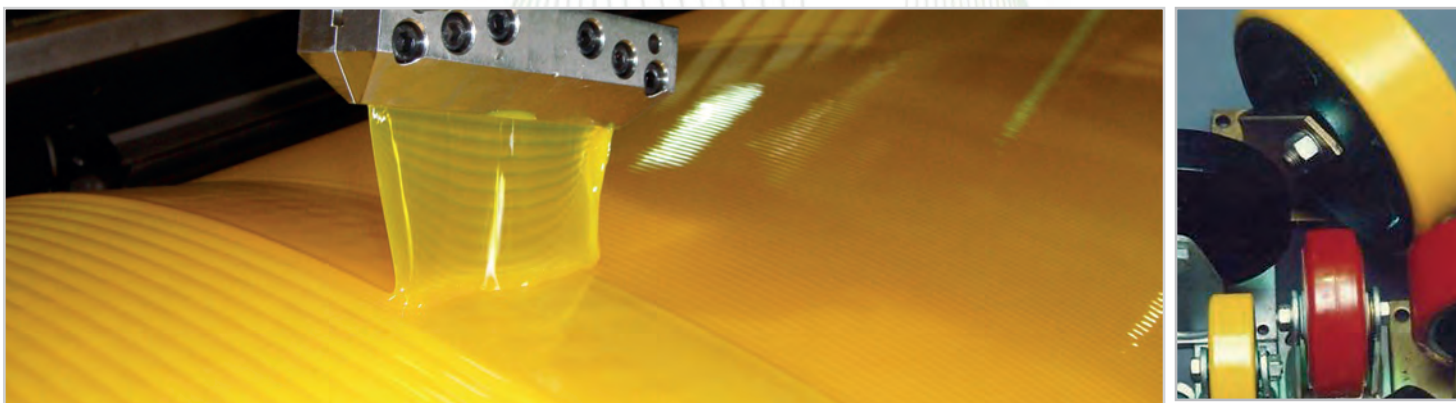
The range of products has grown to more than 700 systems; these are used in numerous applications.

Era Polymers range of Polyurethane Elastomers include, but is not limited to the following:

- POLYETHER/TDI
- POLYETHER/MDI
- POLYESTER/TDI
- POLYESTER/MDI
- POLYCAPROLACTONE/TDI
- POLYCAPROLACTONE/MDI
- ALIPHATIC SYSTEMS
- POLYUREA & POLYURETHANE SPRAY SYSTEMS
- LOW FREE TDI MONOMER POLYETHER & POLYESTER SYSTEMS
- QUASI MDI POLYETHER & POLYESTER SYSTEMS
- ROOM TEMPERATURE CURING TDI & MDI SYSTEMS
- ONE COMPONENT BLOCKED SYSTEMS

Curatives

Era Polymers has also developed an extensive range of curatives to enhance the performance of the available polyurethane prepolymers. In addition to the standard curatives, **Era Polymers** has developed an extensive range of tailor made curatives to enhance the performance of the Erapol range of polyurethane prepolymers. Significant in-house R&D has ensured that **Era Polymers** is at the leading edge of curative development, ensuring that customers will meet compliance requirements and performance requirements.



Ancillary

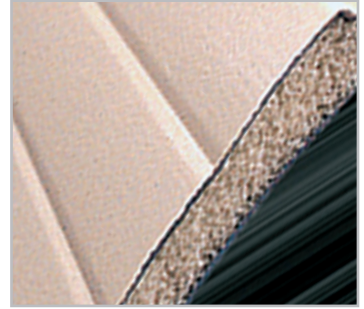
Ancillary products also available for the polyurethane elastomer products include:

- FRAS
- UV STABILISERS
- PLASTICISERS
- ERASTAT
- ERASLIP
- ANTIFOAM
- PIGMENTS



Foam Systems

The broad range of polyurethane foams, detailed below, has been successfully used in a multitude of markets and applications.



Rigid Foam

- Spray Foam
- Block Foam
- Appliance Foam
- General Purpose Foam
- High Density Foam
- Moulding Foam
- Surfboard Foam
- Taxidermy Foam
- Panel Foam Adhesive
- PIR Foam
- Shutter Foam
- Cryogenic Foam
- Trench Breaker Foam
- Packaging Foam

Flexible & Semi Flexible Foam

- High Resilience Foam
- Flexible Spray Foam
- Gasket Foam
- Integral Skin Foam
- Microcellular Elastomeric Foam
- Inner Shoe Foam


the green foam
OZONE FRIENDLY ✓ CFC FREE ✓ HCFC FREE ✓ HFC FREE ✓

Era Polymers offers a full range of non-ODP (Ozone Depleting Potential) and zero GWP (Global Warming Potential) foam systems as part of **Era Polymers' Greenlink** and **Ecofoam** product portfolio.



Applied Polymers

A division of **Era Polymers**, based in Melbourne Australia, has more than 25 years' experience in developing and manufacturing high performance insulation polyurethane foam systems. Having a long involvement in producing foam systems for cryogenic applications, **Applied Polymers** are capable of developing foam systems to meet the most stringent insulation requirements.



For more information please visit:
www.appliedpolymers.com.au



Floor Coatings

Era Polymers manufactures a broad range of the latest generation polyurethane water borne and solvent borne floor coatings. Designed for both timber and concrete substrates, these products are hard wearing, easy to apply, easy to maintain and will enhance the appearance of interior and exterior floors.



For more information please visit:
www.urethanecoatings.com.au



Waterproofing Membranes

Era Polymers offers a portfolio of high performance polyurethane waterproof membrane systems. Ongoing internal research and development will ensure that all waterproofing requirements are met or exceeded.



Dispensing Machinery & Equipment

Era Polymers represents and supports polyurethane dispensing and mixing machinery manufactured by:

- Polytec EMC
- Gama Spray Equipment
- Summer's Equipment
- SAIP Equipment

Supply, commissioning, servicing and spare parts are available through **Era Polymers**.

Era Polymers also represents Fecken-Kirfel GmbH & Co. KG, the manufacturer of precise and efficient cutting machines.



Toll Manufacture

Era Polymers' state of the art manufacturing facilities are available to manufacture formulations on a contract basis, as is **Era Polymers'** technical and production expertise.

No piece of business is too large or too small. Reactors and blending vessels are available, ranging from 100L to 16,000L capacity and the ability to package off material in containers ranging from 1 litre cans through to road tankers.

For more information about this please visit:

www.samospolymers.com.au



Laboratory Testing

Era Polymers R&D Centre houses an extensive collection of physical and analytical testing equipment, some of which are:



XRF Analyser (X-Ray Fluorescence)

Testing curative levels in elastomers.



QUV Weatherometer

Accelerating the effects of sunlight, rain and condensation.



Tensometer

Testing a range of tensile related properties, including tensile strength, elongation and tear strength.



Abrasion Resistance Testing Machine – DIN

Testing wear resistance of elastomers.



K-Factor Machine

Measuring the thermal insulation properties of polyurethane foam systems.

Further information regarding Era Polymers' testing capabilities is available upon request

Quality Management



Era Polymers has grown to be the largest independent systems house in Australia.

Era Polymers is certified to AS/NZS ISO9001 quality standard system. The physical and analytical testing laboratories are also NATA accredited.



"Our philosophy is one of continuous quality improvement. Our team is dedicated and motivated to incrementally improve our products and our services."

Agency Products

Era Polymers' range of polyurethane systems is extensive, to further strengthen the product portfolio, a complimentary range of products is also available which is expertly sourced from around the world.

FECKEN FK KIRFEL

CYTEC

FRICION COATING

SAIP
ADVANCED POLYURETHANE EQUIPMENT

Stepan

POLYTEC EMC

SUMMERS EQUIPMENT INC.

ACMOS

ingevity

ICYNENE
HEALTHIER. QUIETER. MORE ENERGY EFFICIENT.

RAMA

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A Division of ITW Limited

Green Mountain International, LLC

DOW CORNING

ICP
ADHESIVES & SEALANTS

Sydney Head Office

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Excellence in Polyurethane Chemistry



Goddess Hera

(H)Era in Greek religion, wife of Zeus,
Queen of the Olympian Gods
and patron Goddess of the
Isle of Samos.

A father's passionate love of the island
prompted his son to commemorate its
history in the naming of our company.

Era

www.erapol.com.au

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