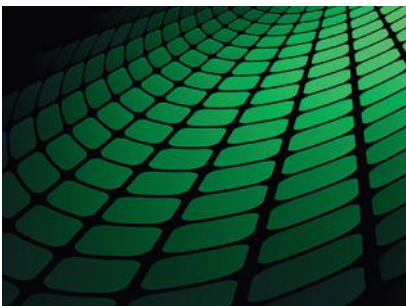




A New Era in Polyurethanes

Company Profile



Era Polymers

Introduction

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

Over the years, this Australian company has evolved into a prominent figure in the global polyurethane market.

With its independent status, Era Polymers has fostered valuable global alliances, enabling the company to deliver top-notch polyurethane systems of the utmost quality.

Moreover, these systems are manufactured strategically across various locations worldwide.

The Company

Era Polymers has its headquarters in Sydney, Australia, which also houses the company's R&D Centre. The R&D Centre plays a crucial role in supporting a team of development chemists, NATA* accredited laboratories, and a wide range of testing equipment.

In addition to the R&D Centre, Sydney is also home to two exceptional manufacturing sites: **Samos Ena** and **Samos Dio**. These state-of-the-art facilities enable **Era Polymers** to produce polyurethane systems for various applications, including elastomers, foam spray systems, membranes, and coatings.

Era Polymers extends its operations to Melbourne, where it operates **Applied Polymers**, its third Australian production site. This particular site specialises in the development of high-performance insulation systems, specifically for the LNG (Liquefied Natural Gas) industry, as well as specialised polyurethane elastomer systems.

* National Association of Testing Authorities

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

From its cutting-edge production facility in Johannesburg, **Era Polymers Africa** specialises in the development and manufacturing of polyurethane elastomer, foam, and spray systems. The company supplies these high-quality products to South Africa and the broader African continent.

Era Polymers USA, Samos Exi, is a leading company in the field of polyurethane chemistry, specialising in the design and manufacturing of formulations. **Era Polymers USA** have earned an exceptional reputation for delivering products of outstanding quality manufactured in its US facility in Stanley, NC which further expands the global **Era Polymers** manufacturing network.

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

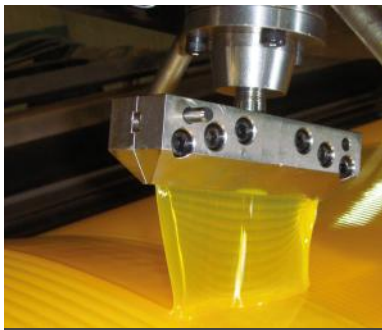
Era Polymers has a strong focus on export markets, leading to its presence in over 86 countries worldwide. The company's manufacturing facilities are strategically positioned to expedite product delivery to these markets, reducing response times and delivery lead times, all while maintaining uncompromised product quality.

To ensure that doing business with **Era Polymers** is as convenient as possible, the company has established legal entities in **Europe (Era Polymers Limited)**, **Malaysia (Era Polymers Sdn Bhd)**, and **Singapore (Era Polymers Pte Ltd)**.

Era Polymers consistently invests in its people, research and development, production capabilities, and technology. This ongoing investment has enabled the company to maintain its leading position in global polyurethane systems development, manufacturing, and delivery.

Business Units & Product Ranges

Era Operates Six Business Units:



ELASTOMERS



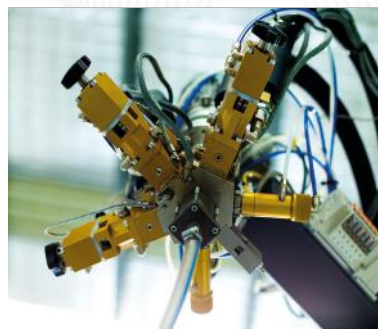
MEMBRANES & COATINGS



TRADING



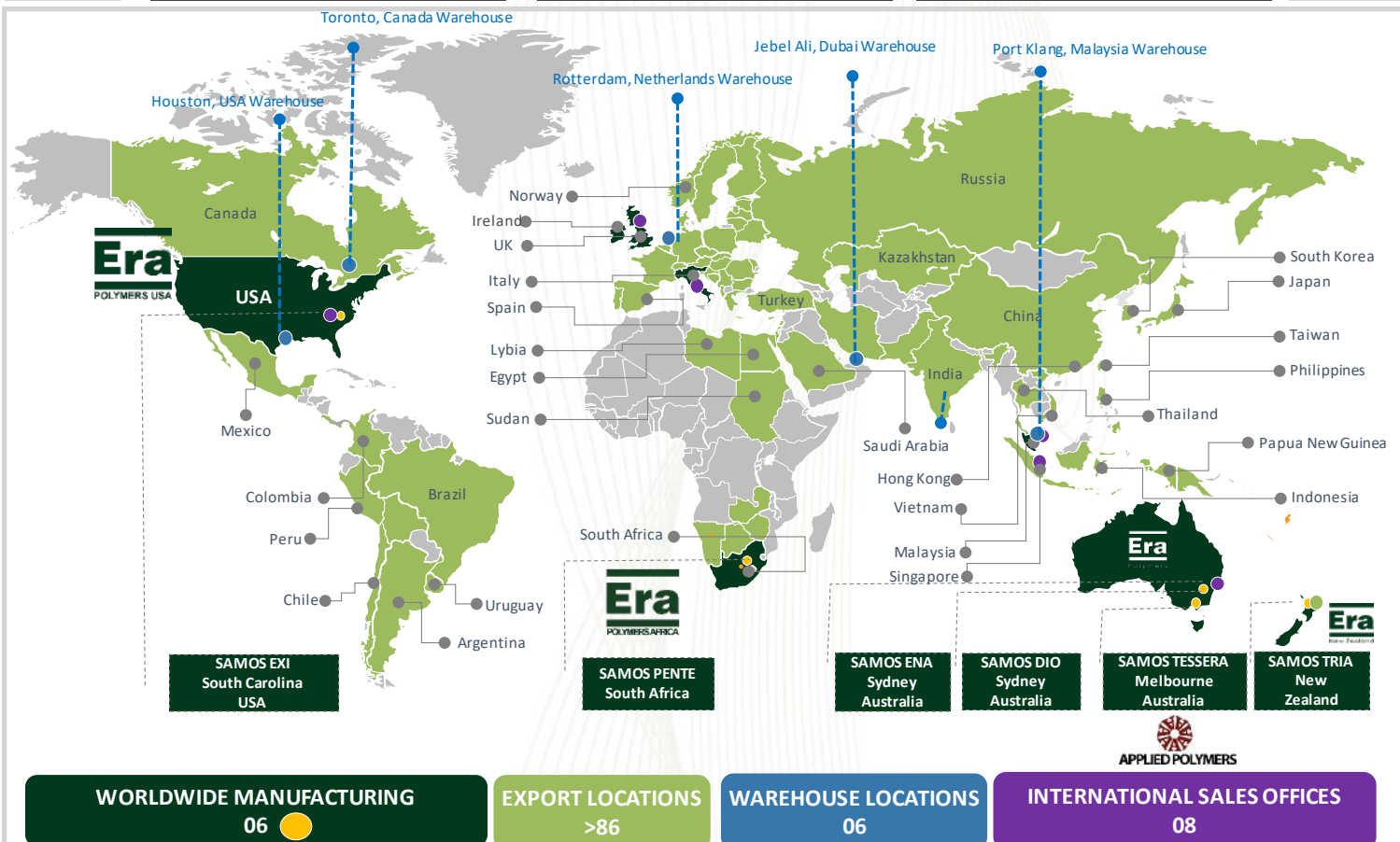
FOAM SYSTEMS



DISPENSING MACHINERY



TOLL MANUFACTURING



Polyurethane Elastomer Systems

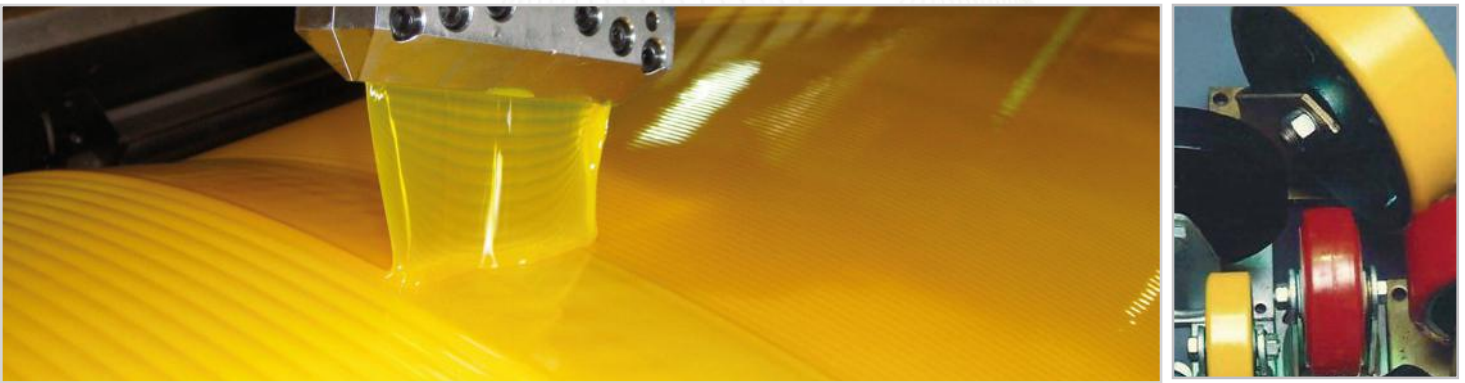
The range of products has grown to more than 700 systems; these are used in numerous applications.

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 dedicated efforts to expand its range of curatives, aimed at improving the performance of its available polyurethane prepolymers. Alongside the standard curatives, Era Polymers has developed an extensive collection of custom-made curatives specifically designed to enhance the performance of their Erapol line of polyurethane prepolymers. The company's substantial in-house research and development endeavors have positioned Era Polymers at the forefront of curative development, guaranteeing that customers can meet both compliance and performance requirements with confidence.



Ancillary

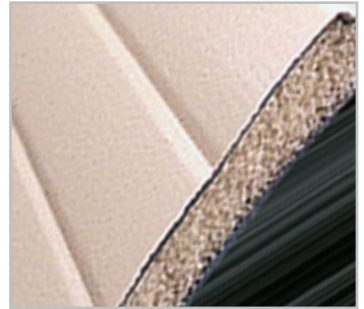
Ancillary products also available for the polyurethane elastomer products include:

- 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.

URETHANE
COATINGS
POLYURETHANE SPECIALISTS SINCE 1979

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 offers state-of-the-art manufacturing facilities for contract-based formulation production. The company's expertise in both technical and production aspects is readily available to support these manufacturing services.

Regardless of the scale, Era Polymers welcomes all business opportunities, whether big or small. The manufacturing facilities are equipped with a diverse range of reactors and blending vessels, ranging from 100L to 16,000L capacity. Additionally, Era Polymers possesses the capability to package materials in various container sizes, ranging from 1-litre cans to road tankers, ensuring flexible and efficient delivery options.



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.



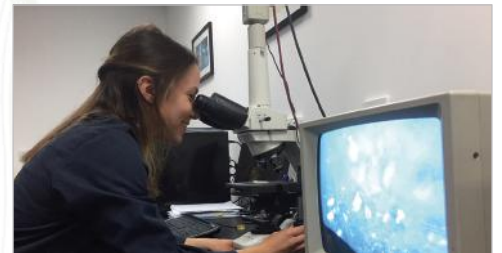
K-Factor Machine
Measuring the thermal insulation properties of polyurethane foam systems.

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.



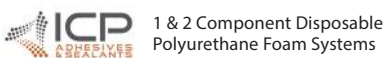
Polyurethane Foams based on New Blowing Agents



Casting Equipment



CAPA Polycaprolactones for Superior Elastomers and Adhesives



1 & 2 Component Disposable Polyurethane Foam Systems



High and Low Pressure Equipment for Foams



Cutting Equipment



High Pressure Spray Equipment for Foams and Elastomers



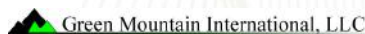
Spray/Polyurethane/Polyurea Elastomers and Primers



Dual Drive Planetary Mixer



Grinding Wheels for Rollers



Hydrophobic and Hydrophilic Polyurethane Water Stopping Grouts



Mould Making Silicone Rubber

Sydney Head Office

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Banksmeadow

NSW 2019

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Fax: +61 2 9666 4805

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

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