



THE Herald

ERA POLYMERS NEWS BULLETIN

The best way to predict the future is to *Create it*

INSIDE THIS EDITION

#36

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LESSONS FROM LIFE ▼

17 - FEAR GENES

A few weeks ago now, Alex's in laws (George and Evelyn), my child bride, and I, followed our eldest granddaughter, Tina, around Europe. She was playing in the MLC girls orchestra... so we saw her in 3 places in Europe, the "in laws" in two. It was a good time to bond ...



Normally when we get together it is at family functions... lots of food, lots of noise, lots of distractions...so you really can't get into any deep and meaningful conversations.

(Continued on page 2)

ERA POLYMERS FOCUSING ON: ▼

ERA POLYMERS USA

NORTH CAROLINA

FIRST IN FREEDOM | FIRST IN FLIGHT

Ladies and Gentlemen,

Era Polymers are very pleased to announce, that we have purchased a purpose built polyurethane manufacturing facility in North Carolina, USA.

So, what does that mean?



(Continued on page 8)

(Continued from page 1)



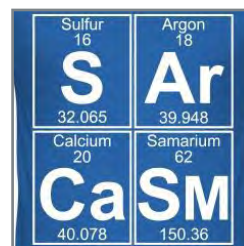
So this was OUR chance to bond, over some not so good Italian food, a few, quite a few actually, APPLE STRUDELS and SACHERTORTE's (We're in Austria, remember !)

In case you haven't realised, I have a personality where I like to stir, coupled with a high sense of self deprecation, and most importantly of all, a strong "SARCASM GENE".

(YES, there is a gene for it ... and I have it in abundance, so maybe I have TWO, kinks in my DNA).

It gets me into eternal trouble with my child bride ... e.g. BEFORE we meet people, I get a lecture, to try and keep my gene under control... sadly I fail ... EVERY TIME.

So, we had some pretty interesting conversations, following our granddaughter around. Some excellent tete a tete's, followed with some good old fashioned bonding.



If you haven't the "SARCASM GENE"... and your genes run more into a "zeros and ones" personality, then, of course, you would take

offense, EVERY TIME, I open my mouth (OR, put pen to paper)...such is the cross that I bear.

So, we talked about lots of different genes.

We talked about the "INTELLIGENCE GENE" (Yes, there is one of those as well, AND, it is on the "X" chromosome... the one that you get from your MOTHER. So, boys intelligence, ONLY comes from their mother, and GIRLS, since they have 2 "X's", can get it from BOTH their mother, and their father).

That was the second time, that we discussed this with George. George is a doctor, and he always needs lots of juicy stories, to keep his patients entertained, whilst he gives them a going over. Alex, our son, also helps, when he can, in the "juicy story" department, and is a master at providing his father in law, with lots of juicy tidbits of information...

THEN WE TALKED ABOUT THE "FEAR GENE".

YES, again, we all agreed, that there is one of those as well.

"Life is Beautiful, BUT, was NEVER, meant to be perfect"

If there is an "INTELLIGENCE GENE", and a "SARCASM GENE", then too, there MUST BE, a "FEAR GENE".

If you have it, a lot of things can scare you. In fact, MOST things can scare you. LIFE is, and CAN BE, scary, IF YOU HAVE THE FEAR GENE!

The gene can manifest itself in many ways... some who have it are SCARED, that their children won't have perfect smiles, that their family will not be perfect, that their house won't be perfect...

That their very lives, won't be perfect. THAT, is a GOOD, "FEAR GENE", in all its glory...

The problem is, that Life is Beautiful, BUT, was NEVER, meant to be perfect.

HOW DO YOU ADDRESS THAT!?

With my child bride, the "FEAR GENE", manifests itself, in a totally different way.

Tina is scared about things that she THINKS, are going "bump in the night"... her mind makes every sound, that she doesn't immediately recognize, as a danger sound.

E.g. There are two of us in our home... ONLY TWO. A long, long time ago, I picked up a habit in Asia... of NOT wearing shoes INSIDE the house ...I am therefore totally SHOELESS, when I'm at

home ..which of course means that when I walk on our tiled floor... I am deathly quiet.

So, in the morning, I come downstairs after my morning shower. Tina is invariably in the kitchen making our daily GREEK coffee... If I happen to walk in and start talking ... she jumps (literally) ... and says: " You SCARED ME AGAIN... why don't you wear some shoes, some stilettos, so I can hear you coming?"

SO, I'm forced to "slap, slap" my feet, on the cold tiles as I get closer and closer to the kitchen (I don't think that they make a size 13 stiletto!).

Such is life in the Papamanuel household.

SO WHAT SCARES ME ?

Fear of failing...
Fear of not doing my best EVERY DAY...
Is that FEAR ...?

In my mind , it is .

LET ME TELL YOU TWO STORIES, THAT GOT CLOSE TO SCARING ME (In the traditional way).

SCARY STORY, NUMBER ONE.



It must have been around 1982... I landed at JFK in New York, on a Saturday night ,around midnight. I was working for UNIROYAL. I had to stay at the Airport (Hilton) that night, and the next morning catch the limo to Waterbury. It was winter, February. SO, we are waiting at the luggage carousel. Ten minutes ... nothing... The bags hadn't come out. It was 12:30 am.

The natives are getting restless. The equipment had jammed because of the icy conditions... and the bags couldn't be lifted from the plane. 30-40 minutes later, the carousel starts. In front of me are two New York women (you can tell by the accent, right)... then they started shoving each other, to get prime position... before I could even THINK of getting involved, they were on the floor, pulling at each

other's hair... TRUE, TRUE.. what to do...? BEFORE I could do anything, their husbands came over, and started punching each other. TRUE, TRUE ! Then EVERYBODY started punching ...It was a REAL, LIVE, mass riot.

I started to get scared ... I thought that I was going to die, on a cold icy night in New York airport... I'd never see my young family again.

So I did a cowardly thing ... I hid under a staircase. TRUE, TRUE ! Pretty soon, there were sirens, the Police came , and carted everybody ,away. The bags were going round and round the carousel, with no owners in sight ... I slithered from under my hiding place... saw my bag, grabbed it, and headed for the taxis ... TOTALLY shaken.

I checked into the Hilton, I was given a room, at the end of a long corridor, next to the fire escape. I closed the door, only to see FOUR locks on the inside. TRUE, TRUE!

THAT was telling me something, right.

I locked the four locks, jammed a chair under the door handle for good measure, and fell into a restless sleep.

New York, was a dangerous place back then,

It wasn't for the faint hearted.

SCARY STORY NUMBER TWO



It must have been around 1983... I was working for Uniroyal. I had finished my work in Waterbury Connecticut, I caught a plane to Washington DC. I had to spend the night CLOSE to the airport, and the next day, Sunday ,drive to West Virginia to see a customer, Creative Urethanes, on Monday morning.

Simple huh? Not for this boy. Remember that I hadn't done a lot of left hand steering wheel driving, back then... I was new, to the wrong side ,of the road.

So, I picked up my car from the airport. I thought that I got simple instructions (NO Apple Maps, back then) to get to the hotel... and I got totally lost on a Saturday night, in Washington DC.

I ended up in not so good neighborhoods... and being the good Aussie that I was, I would wind down the window, and ask for help from the first person that walked passed my car... AND, when I'd say:

"Excuse me sir, I'm lost, I need some help" ...they would run, literally RUN, away from me .

This happened not once, but 8-10 times... Exactly the same EVERY time...people would run away from me, with a scared look in their eye.

The whole episode was exacerbated by the fact that it was raining badly ... so a few times, I would get OUT of the car, and ask the same question ...SAME reaction EVERY time... they would run away.

My guiding light were the planes, landing somewhere in the distance.. so by sheer stubbornness.. TWO HOURS later I found the hotel... physically, and mentally drained, and soaking wet .

The next day, over breakfast , I read the Sunday papers...

FRONT PAGE STORY... An unnamed gunman, had SO FAR, killed 15 African Americans, in Washington.

The DELAYED FEAR hit me... the people that I was asking for help, thought that I was the gunman !

Does that mean I have the FEAR GENE?

I don't think so..

FEAR of failure definitely drives me..

FEAR of not maximizing my potential , pushes me forward at my ripe old age.

FEAR of not being the son, that my father always wanted, has given me a PASSION, a zest for life, that gets stronger, that makes ME stronger, every passing year.

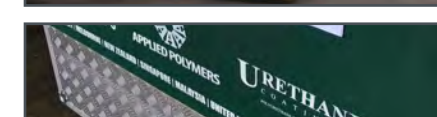
BUT, it's not a " FEAR GENE".

G. Papamanuel
December 2018



Creating a strong company culture isn't just good business. It's the right thing to do, and it makes your company better for all stakeholders--employees, management, and customers. We've found the right tools are a huge help in maintaining our culture while attaining our goals.

~ Julia Hartz 2014



A PATCH MADE IN HEAVEN: HERE'S THE CONCRETE EVIDENCE

Many warehouses with concrete flooring are subjected to constant wear and tear from vehicular access and even forklift damage. These factors make the surface rough and hard to clean. Valley Floor Sanding Supplies was such a warehouse with an entrance in need of some Era Polymers TLC .

The concrete surface had begun to corrode in some areas, was subjected to cracks and deep scratches - there was no doubt, the floor needed repairing and protecting before it got any worse.

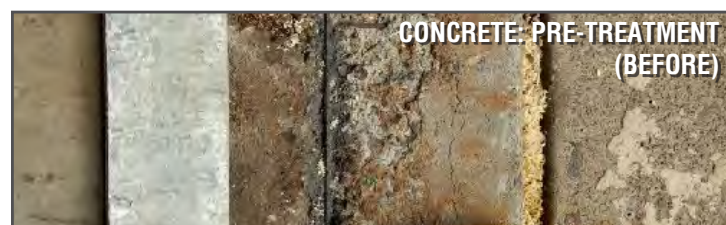
Enter partner products **Eracast Conpatch** and **Erapol 2L Rapid** to the rescue for this project:

1. **Eracast Conpatch** for the repairs; and
2. **Eracoat 2k Rapid** to protect the substrate while providing a high performance anti-skid surfacing.

In preparation for the treatment and cure, the concrete floor surface was thoroughly cleaned and degreased. The corroded areas were then treated with **Eracast Conpatch** (grey).

Eracast Conpatch is a 2 part low viscosity polyurethane crack and spall repair system for concrete. It has excellent adhesion and penetrates deep into the cracks adding strength to the failing substrate. The rapid cure rate of this product allows the surface to be back in service within an hour after treatment. Once the repairs were made, the entrance to the warehouse was coated with **Eracoat 2K Rapid Light Grey** and broadcast with (Non Skid) NS150 aggregate. This was followed by a final finishing coat of **Eracoat 2K Rapid Light Grey**.

Eracoat 2K Rapid is a solvent free 100% solids, aliphatic coating designed as an abrasion resistant topcoat for polyurea and polyurethane systems or as a stand-alone product applied over properly prepared substrates. It is available in 6 standard colours for a wide range of flooring and decking applications.



Concrete floor - damaged with signs of corrosion (Pre-Treatment)

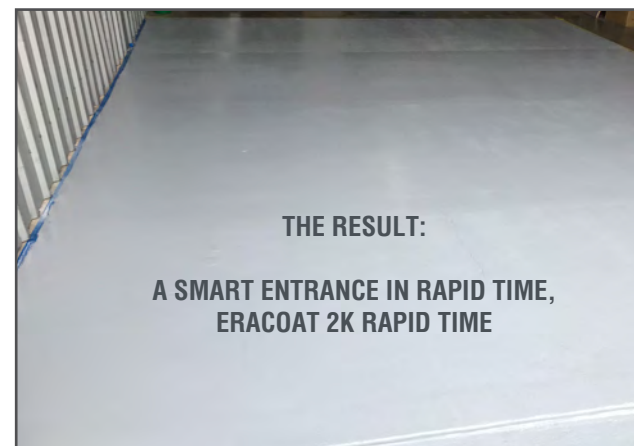
Contact us for more information
Telephone: +61 (0) 2 9666 3788
Email: erapol@erapol.com.au

Eracast Conpatch & Erapol 2K Rapid



Concrete floor - Repaired with Eracast Conpatch

Concrete floor - Once repaired, Erapol 2K Rapid was applied to the prepared surface



THE RESULT:

A SMART ENTRANCE IN RAPID TIME,
ERACOAT 2K RAPID TIME

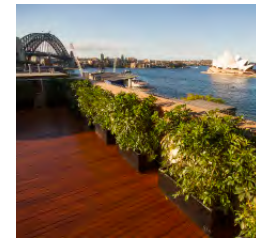
Eracoat 2K Rapid

100% solids aliphatic	Excellent colour retention
1:1 Mix Ratio by volume	Convenient to use
Solvent Free	<ul style="list-style-type: none"> • No Flammability Issues • Minimal Environmental Impact
Rapid Cure	High Productivity / Quick Turn Around
Resin Elongation >70%	Good flexibility with expansion and contraction of concrete
Bonds to existing coatings	Ease of application
1-3mm Aggregate or Oxides	Dependent on requirements



URETHANE
COATINGS
POLYURETHANE SPECIALISTS SINCE 1979

CASE STUDY



PROPERTY OWNERS REJOICE AT THE SIGHT OF THIS STAIN

So the tenants are vacating the premises and taking their furry pet with them. More often than not, the owner of the property is left to deal with and treat any damage or stains left behind.

This case study shows how **Urethane Coatings Black Stain** can refresh and revitalise timber flooring in a rental property, quickly, effectively and economically.

Upon inspection at the end of the tenant lease agreement, the owners were disappointed to find their timber flooring heavily contaminated with pet stains. The once golden timber floor was now covered in dark patches throughout the property.

In order to re-lease the property, a cost effective and swift solution was required. The owners decided that such a solution would be to professionally stain the timber floorboards black using the **Urethane Coatings Black Stain** system.

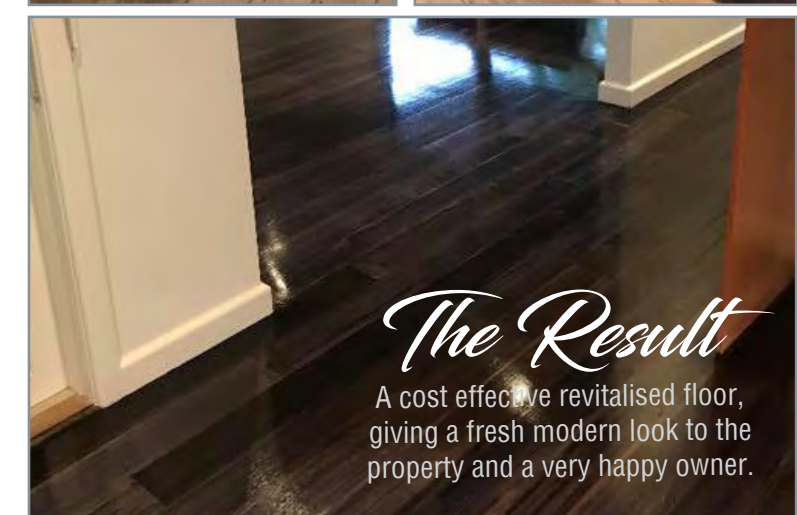
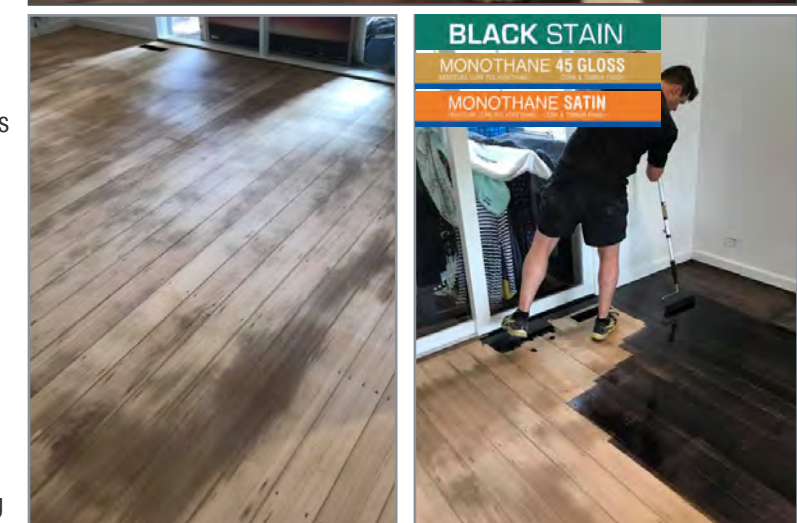
The floor was cleaned and sanded in preparation for the **Urethane Coatings** staining process. The first application involved staining the prepared timber floor with a mixture of the **Urethane Coatings Black Stain** added to **Urethane Coatings Reducer/Extender**. Once dry, two coats of **Urethane Coatings Monothane® 45 Gloss** were applied, followed by a final coat of **Urethane Coatings Monothane® Satin**.

All **Urethane Coating Wood Stains** add colour while enhancing the grain patterns and natural contours of the timber. **Monothane® 45 GLOSS & Monothane® Satin** are transparent, single pack, moisture cure polyurethane that provide a hard finish while maintaining the natural character of the timber.

RESULT: Due to minimum downtime the property was soon re-let resulting in no major loss to the owner's rental income.

For more information on our **Urethane Coatings** product range please visit our website: www.urethanecoatings.com.au or contact us on Tel: +61 2 9666 3788

Urethane Coatings: Black Stain



The Result
A cost effective revitalised floor, giving a fresh modern look to the property and a very happy owner.



DOCKSIDE SYDNEY - ERA POLYMERS CHRISTMAS PARTY 2018



ERA POLYMERS USA (Cont'd from Page 1)

(Continued from pg 1)

WELL, The facility has been specifically designed to manufacture the sorts of urethane systems, that we have been selling into the USA, for more than 15 years.

- We have reactors (we call them KETTLES).
- We have a tank farm (we call them Bulk Storage facilities).
- We have hot boxes (I think that you also call them hot boxes, or maybe, LARGE ovens, for melting stuff).
- We have laboratories. (To “die for” ... I’m a connoisseur of laboratories... I think that we have about 16, stashed around the world. And these new laboratories, are superb).

Just to show you what I mean , I have attached some photos. And, above all that “stuff”, we have the right skilled people to operate the plant.

I’ve said it for a long, long, time;

“We are only as good as the people that we employ... AND, we employ, a lot of very good people”

In total, we have everything we need to produce the high quality prepolymer systems, that we have become famous for.

We have started outfitting our new facility. In a few short months, we will be “ready to go”.

This facility will produce urethane prepolymers, not just for the USA market, but also, for the Canadian, Mexican, South American, and European markets.

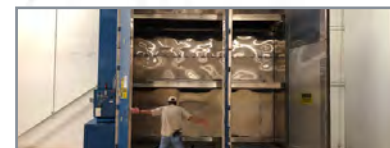
And like with all our facilities, in Australia, New Zealand and South Africa... we will encourage our customers, YOU, to come and see what we do, and how we do it! Era Polymers is a family business. We are 150 people strong.

We are passionate, about all things, polyurethanes...AND, we are especially very passionate, about our customers.

We look forward to being of continuing service to you.... NOW, from our new home, in Stanley, North Carolina, USA.

Best Wishes,

George Papamanuel



Holding onto you! Klingstone 300

Klingstone®. Bunker Solution for Ellerston Golf Course

Ellerston Golf Course is one of the World’s most exclusive courses. Ellerston Golf Course was designed and built by Greg Norman for the late Australian media magnate Kerry Packer. In August this year the bunkers were in need of some maintenance and Ron Hinwood the Golf Operations Manager approached Era Polymers’ Jeff Ryan for advice on Klingstone®. Wanting to provide the owners with the best outcome when

refurbishing their bunkers, Rod and his team discussed with Era Polymers application methods, coverage rates and clean up. Klingstone 300 has proven to be instrumental in helping Rod achieve his goals in binding stones to provide the drainage capacity of their high quality bunker systems in a timely manner. Due to its viscosity Klingstone 300 can easily be pumped through a diaphragm pump making it quick and easy.

The course is undoubtedly impressive and one of the best courses in Australia.



ERA POLYMERS - HELPING AUSTRALIAN FARMERS

When the grass it has returned, to the verdant western plains,
When the stock they are content, as they forage and they graze.
When the farmer thinks with kindness, back to that grateful day,
When in his pit of deep despair, the saints had come with hay.

Kent Morris



Farmers are arguably the backbone of Australia, and provide us with all the fresh food and produce that we often take for granted. I’m sure many of us, know a farmer, or have one in the family tree, and know first-hand how difficult life can be in times of drought.

So as city slickers on the 13th of August 2018 we organised a BBQ fundraiser to try and help.

Overall a great effort for 1-hour of our time!

In addition, each time a staff member enjoys a Nespresso coffee at Era, a gold coin is donated of which 100% goes to charity.

Alex Papamanuel



WELCOME TO THE ERA FAMILY



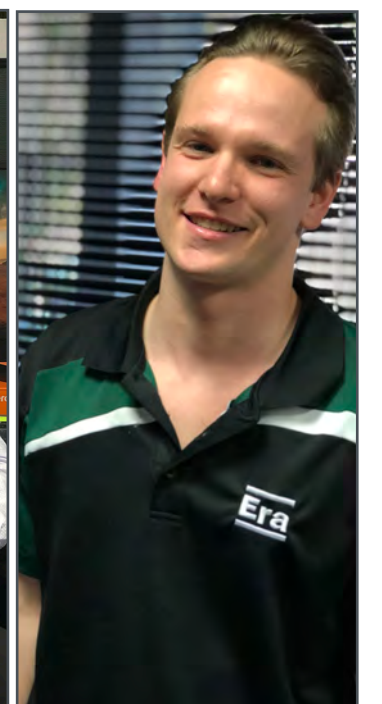
MATTHEW BET
Polyurethane Chemist
(Banksmeadow)



CHRIS WOTTON
Infrastructure/Systems Engineer
(Head Office)



CON VOUROUDAKIS
Accountant
(Head Office)



CALUM HENDERSON
Polyurethane Chemist
(Banksmeadow)

ERA FAMILY EVENTS

MILESTONE Blood makes you related...Loyalty makes you family **20 YEARS**

20
CONGRATULATIONS
PEDRO
(Samos Polymers)



Ladies and Gentlemen,

We had a celebration for Pedro's 20th Birthday, a couple of weeks ago. I think that Pedro is somewhere in his very early 70'S ... So Pedro asked me when can he retire.

"We retire together Pedro, I'm 68, and I'm giving the game away, in 20 years ... THEN, and only then, we both retire !"

Thank you Pedro, for the FIRST 20 years .

G. Papamanuel

15
CONGRATULATIONS
DAVE!
(Era Polymers)



MILESTONE The memories we make with our work family is everything **15 YEARS**

It's been FIFTEEN YEARS ! Which means that when Dave first started out in the labs... he must have started to shave !

One of the things that I do, is to keep an eye, on our new employees, and to age them in my mind ... to see where they will be / should be , in 15 years .

With Dave , it was easy...

He likes to follow up. He likes to unravel the unravable . He is dogged. He is an absolute whiz, at finding lost work, in our 31,653, "work requests".

So , presto; "Technical Service Manager" The job fits him to a "t". Fifteen down, and many, many more to go.

G. Papamanuel

8
CONGRATULATIONS
JOHN!
(Era Polymers)



MILESTONE **8 YEARS**

So TODAY, 2nd August, John celebrates his 8th Birthday with Era...and where is John on his Era Birthday? In the USA with Shannon and Terry. He is a man possessed.... The emails are coming in thick and fast, every morning...He is seeing and talking, and seeing and talking... doing what has to be done... to do, what we are about to do.... All on his Era Birthday week! This is what John was meant to do ... take chaos and run it into the ground.

Congratulations John... may the next 20 years, be just as blessed.

G. Papamanuel



AZADEH & ARASH ARE PARENTS!
(Era Polymers - Head Office)
BABY GIRL: AVA
Weight: 3.6 KG Length: 53 cm
DATE: THURSDAY, 06 Sept. 2018



CASEY & SERENA ARE PARENTS!
(Samos Polymers - Samos Era, St Marys)
BABY BOY: OLIVER
Weight: 3.85 KG Length: 50 cm
DATE: WEDNESDAY, 19 Sept. 2018



Wedding Congratulations
Rhys & Mai
CONGRATULATIONS MR. & MRS WALDRON!
(Era Polymers - Banksmeadow)
DATE: 15th September 2018
Church: St Felix De Valois Catholic Parish, Bankstown
Reception: The Epping Club, Epping NSW

ERA EVENT - EXHIBITIONS

APPLIED POLYMERS IN ROYAL COMPANY



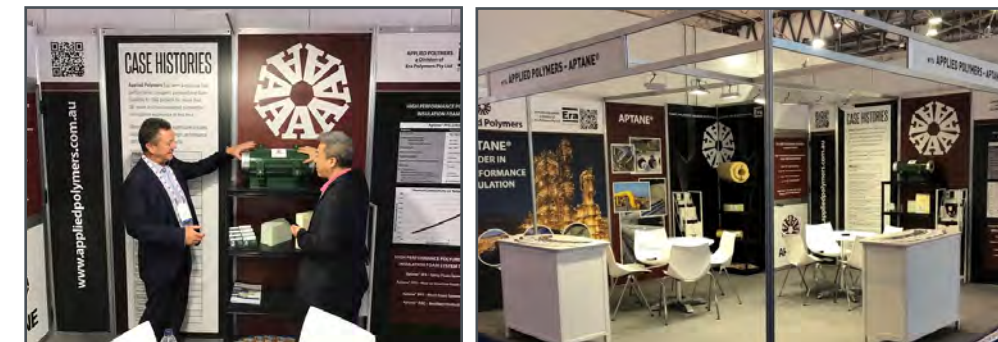
GASTECH BARCELONA 2018

This year the 30th edition of Gastech was held at Grand Fira in Barcelona, Spain from 17th to the 20th September. The King of Spain, His Majesty King Felipe VI officially opened the show on Monday 17th September; the opening ceremony was packed with dignitaries and global business leaders from around the world.

Gastech is the world's largest Natural Gas and LNG Conference & Exhibition focusing on the commercial and technical aspects of the gas industry.

Applied Polymers were at the show represented by John Eve, Era Polymers General Manager and Marcel Tondo, Applied Polymers Foams Manager where our range of High Performance Insulation Foams, Aptane® were being showcased.

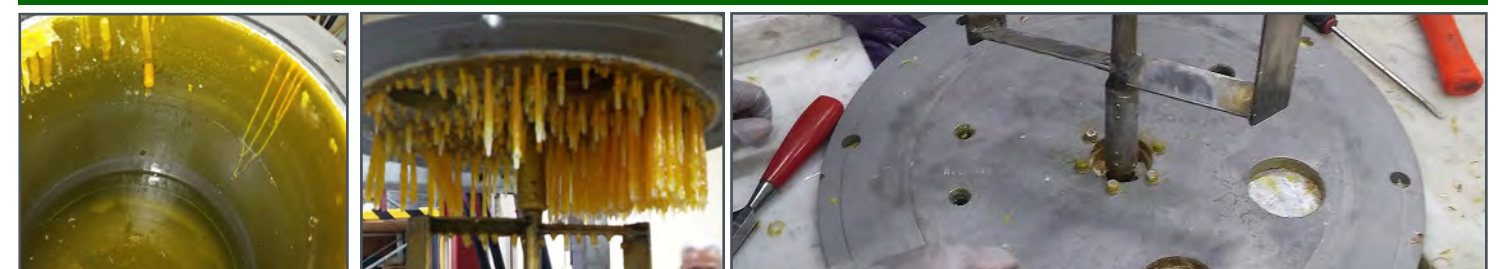
Over the 4 days, 30,000 attendees visited Gastech 2018, where 500 companies were exhibiting from 90 countries. So John and Marcel were kept pretty busy.



If you would like to know more about our Aptane® Range and our High Performance Insulation Foams please visit our website:

www.appliedpolymers.com.au or call Applied Polymers on +61 3 9584 3966

LOOK WHAT HAPPENS IF YOU DON'T CLEAN YOUR TANK FOR TEN YEARS!



Polyurethane Stalactites. Some of them may even rival stalactites at Jenolan Caves, which are thousands of years old!



A GEM!!



JACINTHA OWEN
(Melbourne Office)

Jacinta joined us three years ago and quickly became a very vital part of our Era Team.

Jacinta answers the phone, she processes orders, she purchases, answers customer queries and ALL with the most enviable smile in her voice! Nothing is too hard for this wonderful young lady. Call her and say "hello" - you will hear her smiling.

Tina Papamanuel
December 2018



SAMOS SAYS



LOOK WHO'S MOVING UP IN THE WORLD!

On the 24th of September, Lakshmi's role with Era Polymers changed - she has now embarked in her new role at Samos Polymers changed and her new advent.

Lakshmi has moved from her R & D role with Urethane Coatings at Era Polymers' Banksmeadow laboratories to undertake her new role as our Quality Assurance and Technical Manager – Coatings & Membranes at the Samos Dio offices and laboratories in St Marys.

The Coatings and Membrane products produced at Dio are a growth area for Era, and Lakshmi will be stepping into this newly created role, to oversee all quality and technical aspects of the production process for these materials.

TAKING THE FRONT SEAT WITH GREENLINK EF510

“Moxie Chair” designed by Kristina Melnikova’s
Won the 2015 Australian Contemporary Emerging Design Award

Kirkside Products Artistic Representative, Will Huntley assisted local Tafe student Kristina Melnikova with guidance in using some of Era Polymers Foam products to prototype and create her winning design.

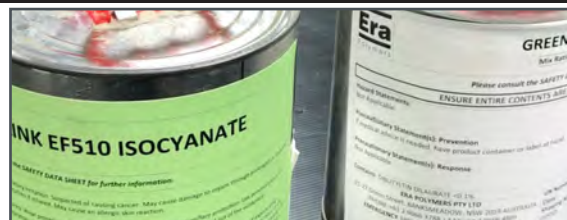
The Moxie Chair is an attractive modern piece of furniture, soft and inviting to sit in, smooth and pleasant to touch and innovative in its production. The chair's structure is supported by a zig-zag stainless steel frame and covered in moulded polyurethane foam.

Kristina Melnikova used Era Polymers Greenlink EF510 foam in her final design piece for the competition but first created a prototype using Era Polymers Ecofoam GP330.



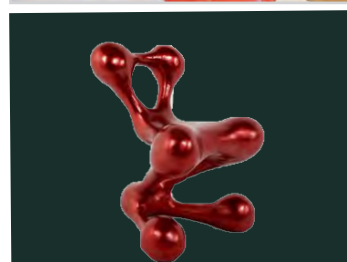
Ecofoam GP330 is a general purpose rigid polyurethane foam product for pour in place applications. It contains no CFC's or HCFC's so is an environmentally friendly foam that has no ozone depleting potential. The formulation contains fire retardants and has a free rise density of 33 kg/m3. Ecofoam GP330 can be manually drill mixed (@ a minimum speed of 2500 rpm) or processed through foam-dispensing equipment.

Greenlink EF510 is a high resilient and abrasion resistant elastomeric polyurethane foam. The system can be manually drill mixed (@ a minimum speed of 3000rpm), however, it is preferable to process through plural component polyurethane dispensing machine.



For more information on Era Polymers foam products please visit our website at <http://www.erapol.com.au/products/foams/> or contact us on +61 02 9666 3788 to talk to one of our Technical Business Managers who will be able to help you with your requirements.

For more information on this talented designer and her Moxie Chair visit:-YouTube: Kristina Melnikova's Moxie Chair 3D scanned at Space Tank Studio: <https://www.youtube.com/watch?v=HtNqCOhYD5k>



URETHANE COATINGS

POLYURETHANE SPECIALISTS SINCE 1979

USE QUALITY, USE URETHANE COATINGS



Gilt Edge Industries Ltd NZ - Add Urethane Coatings Monothane Silver to Their Range

Established in 1969, **Gilt Edge Industries Ltd** specialises in supplying an extensive range of flooring preparation and installation accessory products to the New Zealand Flooring and Construction sectors.

With a comprehensive New Zealand wide distribution network comprising eight trade depots / storage facilities **Gilt Edge Industries Ltd** has a significant and expanding distribution footprint throughout New Zealand from which it stocks an extensive range of premium quality flooring adhesives, concrete moisture control products, engineered levelling cements, transition trims and stair nosings, underlayments and associated products.

Gilt Edge Industries Ltd also stock and sell a range of timber coatings products and are pleased to be adding the **Urethane Coatings - Monothane Silver Range** to their stable of Timber Floor Coatings.

SILVERSEAL
MOISTURE CURE POLYURETHANE CORK & TIMBER FINISH

MONOTHANE SILVER SATIN
MOISTURE CURE POLYURETHANE CORK & TIMBER FINISH

MONOTHANE SILVER GLOSS
MOISTURE CURE POLYURETHANE CORK & TIMBER FINISH

The Monothane Silver Range:

- Easy to apply
- Excellent Flow & Self Levelling
- Single Pack
- Durable
- Economical
- Suitable for all Timber Species

Urethane Coatings a division of Era Polymers Pty Ltd are excited to be working with:

<p>Gary Clark National Sales Manager</p> 	<p>Joe Holgate - Timber Coatings Product Manager</p> 
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Gilt Edge Industries Ltd

With the experience and knowledge of **Timber Coatings Product Manager - Joe Holgate, Gilt Edge Industries Ltd** are well served to provide the flooring industry with the right products for all Timber coating projects throughout New Zealand.



MONOTHANE SILVER

BRINGING SHINE TO THE GYMNASIUM AT KELSTON GIRLS GRAMMER

For more information on **Urethane Coatings** products in New Zealand.
Free Phone: 0800 445 833
Email: help@giltedge.co.nz

THE MIGHTY GREEN - GREEN STRENGTH TEST LAUNCHED

EXCITING NEWS FROM THE ERA POLYMERS TESTING LABORATORIES

At the end of August 2018 Jakub sent the Era Polymers community this news:

“I have a pleasure to inform that new test has been implemented at the foam laboratory over the road.

It’s called Green Strength Test and it measures the curing performance of the foam at the very early stage of cure (green foam)”.

The test will give us more opportunities to look “inside the foam” during its early life – ideal for continuous processes like PIR panel, PIR insulation boards but also discontinuous applications including rigid polyurethane and flexible polyurethane foam chemistries.

Very big thank you to Linda Lu for her support and great input in the final success”.

For more information call us on Tel: 02 9666 3788



CPM MIXING IT UP - ANOTHER VORTEX SUCCESS STORY

Vortex Mixer Wise Investment for a Start Up Polyshop

Richard Hill owner of CPM Pty Ltd (Custom Polymer Moulding) had worked in the Rubber Industry for over 25 years when he decided to go do something on his own.

Richard was considering purchasing a Polyshop but missed out. In the meantime he had been discussing various polyurethanes with Era when it was suggested in December 2016 that he go to Sydney for some PU training & to view possible machine options.

While in Sydney he viewed the Polytec Lab DG133 a 2- or 3-Component Dosing, Mixing and Casting machine for small to midsize production capacities. He also view the Vortex Mixer VM2500 which he decided was the best option for production at his start-up Polyshop.

In May 2017 Richard purchased a Vortex Mixer VM2500 and hasn't looked back since. Richard considers the Vortex Mixer as a very wise investment:

- Ideal for Polyurethanes with a short pot life
- 12kg is Richard's largest pour to date. This required 5 bucket mixes.

In fact Richard is so pleased with the performance of the Vortex Mixer he is now considering purchasing a larger Vortex Mixer VM10,000 if some of his current projects come to fruition.

For more information on Vortex Mixers or Polyurethane Machinery please contact our Machinery Specialist Tom Butt on +61 2 9666 3788 or tom@erapol.com.au who will be happy to help you.



- They almost eliminate the need to degas in most instances
- They are quick and easy for mixing

MELBOURNE CUP 2018



Sydney • Adelaide • Auckland • Brisbane • Malaysia • Melbourne • Singapore • South Africa • United Kingdom • USA

MACHINE DEPARTMENT Introducing: SAIP ADVANCED POLYURETHANE EQUIPMENT

WHAT'S NEW?

Era Polymers are happy to announce that they are now distributors for **SAIP Machinery** in Australia, New Zealand and Indonesia. **SAIP** an Italian company established in 1978 has been designing and building customised polyurethane foam processing systems and machines for 40 years. **SAIP** offer complete production line solutions for; continuous and discontinuous production of sandwich and composite

panels; complete solutions for the insulation of domestic and commercial appliances with expanded polyurethane; special systems for thermal insulation and pipe joints; specific technical solutions for turn-key projects and much more. Their range also includes a vast set of technologically advanced and extremely competitive dosing units including high and low pressure dosing machines and low pressure elastomer dosing machines.

For more information, call **Thomas Butt**
Era Polymers - Machine Department:
Tel: 02 9666 3788



SAIP HIGH PRESSURE DOSING UNIT
MODEL SPB



SAIP LOW PRESSURE FOAM DOSING UNIT
MODEL SDD

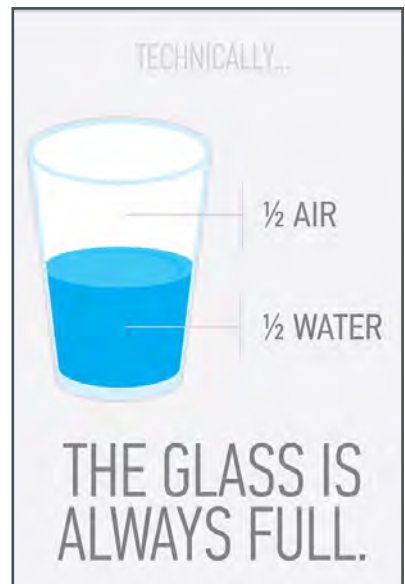
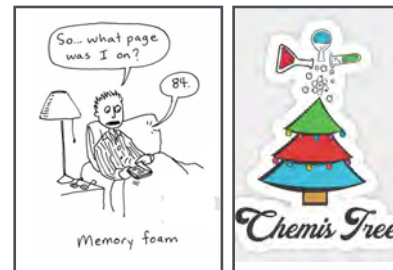
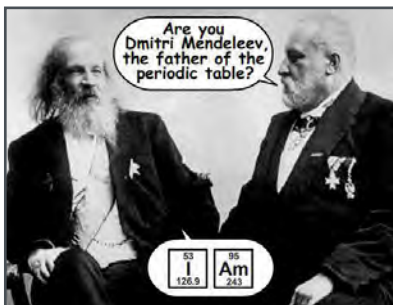
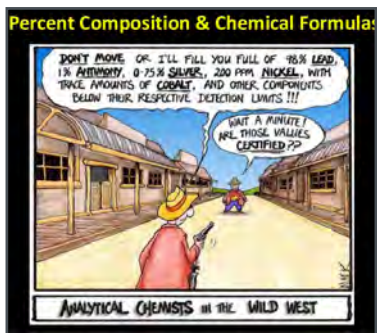
SAIP are working closely with **Era Polymers Machinery Department** and their customers to provide them with the very best machinery to meet their polyurethane processing needs.



THE LIGHTER SIDE



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THE Herald
ERA POLYMERS NEWS BULLETIN
Editors: Marketing Department
Victoria Zavras | Nicola French



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