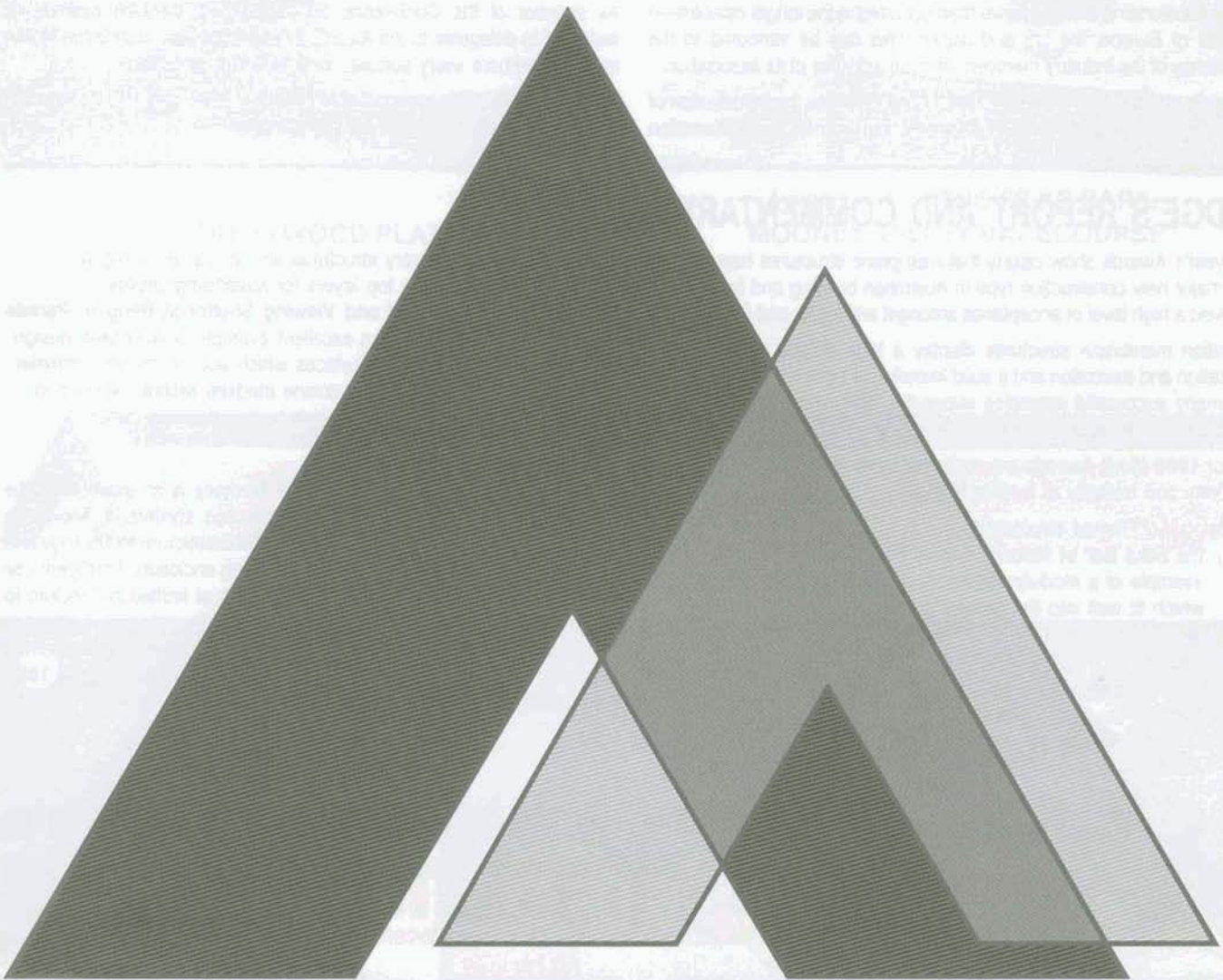




MEMBRANE STRUCTURES ASSOCIATION OF AUSTRALASIA NEWSLETTER



ACHIEVEMENT AWARDS 1990

This special award is proudly sponsored by



PERMAFAB



CHEMFAB



M.S.A.A. ACHIEVEMENT AWARDS 1990

WELCOME TO AWARDS PRESENTATION BY PERMAFAB PTY. LIMITED

It gives us considerable pleasure to sponsor the MSAA Conference 90 Awards edition of Warp and Weft. The number and high quality of entries illustrated throughout this magazine indicates the extent to which our Australian Industry has consolidated and grown in stature since the previous Awards in 1988.

The acceptance of fabric structure technology by owners and designers is now accelerating at a rate faster than occurred in the longer established markets of Europe, the US and Japan. This can be attributed to the proficiency of the industry members and the activities of its association.

Coinciding with Conference 90 CHEMFAB announces the introduction of its new name of PERMAFAB Pty. Limited. PERMAFAB is an Australian

company which has, over a period of more than a decade, assembled resources to provide a complete design, fabrication, construction service for the growing fabric structure market. The company has accumulated experience in successfully completing 85 individual SHEERFILL®, Teflon® coated fibreglass structures on 52 projects throughout Australia, New Zealand and Singapore.

As sponsor of the Conference 90 Awards, PERMAFAB extends its welcome to delegates to the Awards presentation and wishes the MSAA and its members every success in their future activities.

LES THOROGOOD
Managing Director PERMAFAB Pty. Limited

JUDGES REPORT AND COMMENTARY SUMMARY

This year's Awards show clearly that membrane structures have arrived as a major new construction type in Australian building and have finally achieved a high level of acceptance amongst architects and clients alike.

Australian membrane structures display a high degree of maturity in fabrication and execution and a solid knowledge base has been secured with many successful examples supporting their viability as a reliable construction method combined with their steadily increasing popularity.

All four 1990 Merit Awards are such examples and bear witness to the capability and maturity of local industry leaders:

1. Category "Framed structures":
 - a) the **Silks Bar at Mooney Valley Racecourse** is a fine example of a modular assembly of single cone structures which fit well into the general context of this building while
 - b) the **Skylight over the Atrium at Hollywood Plaza** impresses through its simplicity and economy of design and fabrication combined with high quality detailing.
2. Category "Free-form structures":
 - a) the **Qantas exhibition pavilions for the 1988 Bicentennial Air Show** are examples of innovative use of PTFE/Glass

fabric for temporary structures and as carrier of highly coloured FEP film top layers for advertising/display.

- b) the **Porte Cochere and Viewing Shelter at Penguin Parade Redevelopment** is an excellent example of Australian design using layered saddle surfaces which accentuate the lightness and elegance of the membrane medium skillfully applied to provide architectural highlights to an otherwise rather uninteresting building.

The **Shade structure for Greenscene Nursery** is an example of the market of large-scale environmental protection shelters. It shows an excellent, economical application of membrane structure technology and design to a simple but visually highly appealing enclosure. Intelligent use has been made of the material characteristics of knitted shade cloth to achieve a double conical saddle-shape with minimal patterning accompanied by simple and efficient detailing. The entry was deemed worthy of the highest acclaim and was therefore awarded the 1990 Excellence Award.

Professor Vinzenz Sedlak, Juror



AWARD OF EXCELLENCE



Awarded to **GREENSCENE NURSERY**
Superspan Pty Ltd





CITATIONS OF MERIT — FRAMED CATEGORY



Awarded to
HOLLYWOOD PLAZA
Chemfab P/L



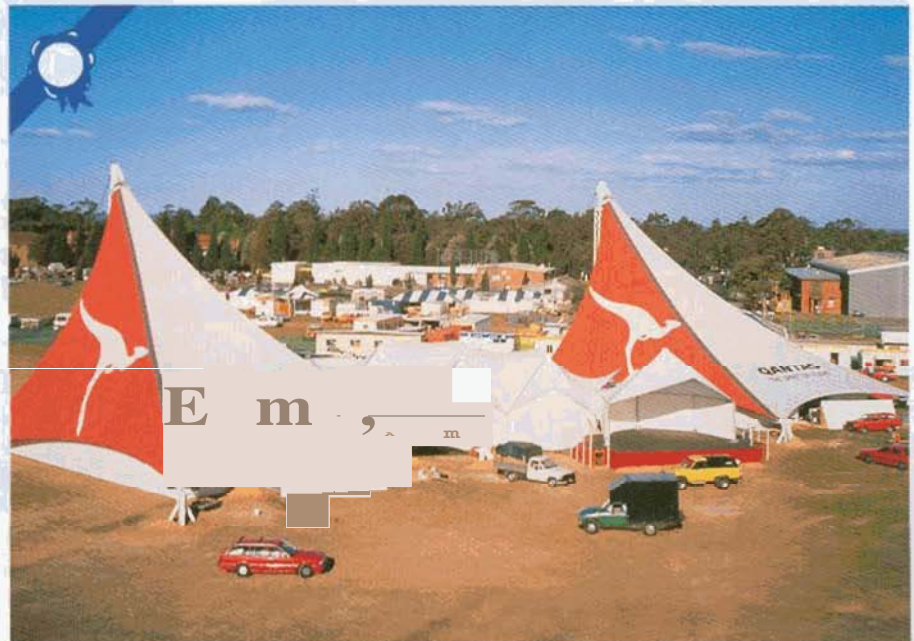
Awarded to **"THE SILKS BAR"**
MOONEY VALLEY RACECOURSE
Spacetech Pty Ltd



CITATIONS OF MERIT — FREEFORM CATEGORY



Awarded to:
**PENGUIN M A D E
REDEVELOPMENT**
Spacetech Pty Ltd



Awarded to
— **QANTAS PAVILIONS** —
1988 BICENTENNIAL AIR SHOW
Chemfab P/L





CATEGORY — FRAMED FABRIC STRUCTURES



THE WER CENTRE BRISBANE

Chemfab P/L

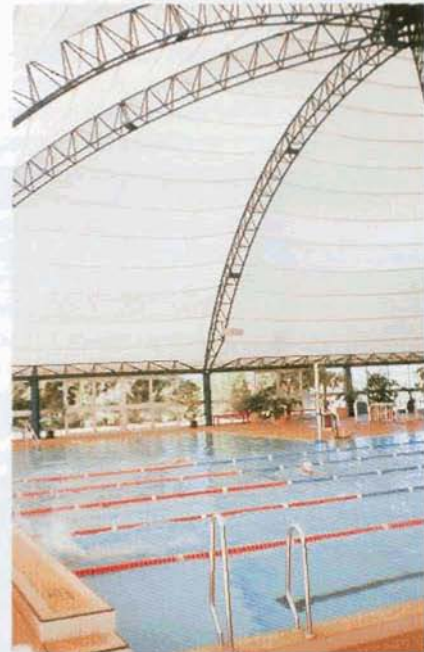


KEYSBOROUGH GOLF CITY DRIVING RANGE



SEAWORLD NARA RESORT

Vesl Membrane Systems



BEATON PARK LEISURE CENTRE

Vesl Membrane Systems



WARRINGAH MALL PROMOTION STAGE

Chemfab P/L



MARKETOWN NEWCASTLE

Chemfab P/L





CATEGORY — FRAMED FABRIC STRUCTURES



LOGAN CITY SHOPPING CENTRE

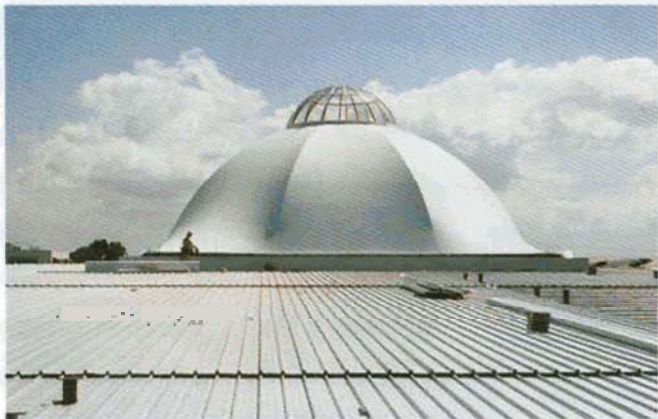
Chemfab P/L



THE OASIS ON BROADBEACH

Chemfab P/L

Merit Award



PENINSULA FAIR ATRIUM SKYLIGHT DOME

Vestl Membrane Systems



"THE SILKS BAR"

MOONEY VALLEY RACECOURSE

Spacetech Pty Ltd

Merit Award



OASIS CENTRE SOUND SHELL

Structureflex Australia



SKYLIGHT AT HOLLYWOOD PLAZA

Chemfab P/L





ACHIEVEMENT AWARDS ENTRIES

Project

Warringah Mall Promotion Stage
Centenary Swimming Centre
Oasis Centre Sound Shell
Nara Seaworld Pool Bar
The Myer Centre, Brisbane
The Oasis on Broadbeach
H o l m —
Marketown - Newcastle
Logan City Shopping Centre
Peninsula Fair
Beaton Park Leisure Centre
Seaworld Nara Resort
"The Silks Bar"
Keysborough Golf City
Northside Plaza, Rockhampton
Festival Faire - Cairns
Pavilion Hotel, Canberra
Bankstown International
The Lighthouse Hotel, Ulverstone
Chatswood Interchange
Grosvenor Place, Coffee Shop
Ipswich City Mall
The Royal Qld Yacht Squadron
Noosa On The Beach
Princess Alexandra Hospital
Bicentennial Air Show - Qantas Pavilions
Waterfront Place - Sound Shell
Shell Westgate
Penguin Parade Redevelopment
Bond University - Student Centre
Southport Mall
Greenscene Nursery
" H i House"
Currumbin Sanctuary - Rainforest Aviary
Warana Festival '88

Architect

Devine Erby Maslin Australia
McWilliam / Lilydale Shire Council
Ainsley, Bell, Murchison P/L
Alan Griffith Architects P/L
Malone Buchan Laird & Bawden
Ainsley Bell & Murchison P/L
Consulere Design & Construction P/L
W McNamara Pty Ltd
Malone Buchan Laird & Bawden
Bell Puddy, Melbourne
Wollongong City Council
Alan Griffith Pty Ltd
E F Billson & Associates P/L
Millar Sainsbury Mulcair
Woolworths Property Group
Plante & Associates
Bryan R Dowling *
Bryan R Dowling & Assoc Pty Ltd
George Leight
Rice Daubney
Harry Seidler & Associates
Robin Gibson & Partners
Guymer Bailey Arch, R Spencer & Ass
McWilliam Freeform
William Job
Ashby Doble Kell & Norris P/L
Cameron C h i d Nichol
Graeme Law & Associates
Daryl Jackson Pty Ltd
Daryl Jackson Pty Ltd
Pfeiffer Marjas / Peddle Thorp Harvey

W McIvor
McWilliam / Currumbin Trust
McWilliam / Warana '88

Structural Engineer

Bond James Norrie Marsden P/L
McWilliam Consulting Engineers *
McWilliam Consulting Engineers
McLean Wade & Partners
Moir Harding Gill Metzroth
Robert Bird & Associates P/L
Pak Poy & Kneebone Pty Ltd
Taylor & Herbert Pty Ltd
Ove Arup & Partners
Mattefy Peri Nagy, Brisbane
Vessel Engineering Services P/L
Weathered & Howe
Connell Wagner (Vic) P/L
Connell Wagner (Vic) Pty Ltd
McWilliam Consulting Engineers
McWilliam Consulting Engineers
Bruecle Gilchrist & Evans Pty Ltd
Austin Aust P/L / Erich Dollansky
Demalkian & Am P/L / Erich Dollansky
Matterfy Perl & Nagy / E Dollansky
Ove Arup & Partners
McWilliam Consulting Engineers
Morgan Gox & Harvey Pty Ltd
McWilliam Consulting Engineers
McWilliam Consulting Engineers
Ashby Doble Kell & Norris P/L
McWilliam Consulting Engineers
Connell Wagner (Vic) Pty Ltd
Connell Wagner (Vic) Pty Ltd
Connell Wagner
Weathered & Howe
Peter Kneen
McLean Wade & Partners
McWilliam Consulting Engineers *
McWilliam Consulting Engineers *

BE





— PROJECT INFORMATION DATA

Fabric Engineer	Fabric Contractor	Fabric Supplier	Fabric Type
Chemfab P/L, Bond James Norrie Mars	Chemfab P/L *	Chemical Fabrics Corp	Teflon/glass
McWilliam Freeform	Spacotech Pty Ltd	Hammersteiner	PVC/Pes
McWilliam Freeform	Structureflex Australia •	Seaman Corp	PVC/Pes Ted coated
McLean Wade & Partners	Structureflex Australia*	Hammersteiner	PVC/PVDF Lacquer
Chemfab P/L / Goodson Consulting	Chemfab P/L *	Chemical Fabrics Corp	Teflon Fibreglass
Chemfab P/L / Bond James N M P/L	Chemfab P/L *	Chemfab Pty Ltd	Teflon Fibreglass
Chemfab P/L	Chemfab P/L *	Chemfab Pty Ltd	Tef Fibreglass
Chemfab P/L	Chemfab P/L •	Chemical Fabrics Corp	Tef Fibreglass
Chemfab P/L / Bond James N M P/L	Chemfab P/L *	Chemical Fabrics Corp	Tef Fibreglass
McWilliam Freeform	Vesl Membrane Systems •	Seaman Corp	PVC/Pes Tedlar
Vessel Engineering Services P/L	Vesl Membrane Systems *	Seaman Corp	PVC/Pes Tedlar
McWilliam Freeform	Vesl Membrane Systems *	Seaman Corp	PVC/Pes Tedlar
Connell Barrow McCreedy P/L	Spacotech Pty Ltd *	Hammersteiner	PVC/Pes
Connell Barrow McCreedy Pty Ltd	Spacotech Pty Ltd *	Verseidag	PVC/Pes PVF lam
McWilliam Freeform	Structureflex Australia *	Hammersteiner	PVC/Pes FI lac
McWilliam Freeform	Structureflex Australia *	Hammersteiner	PVC/Pes acrylic
Erich Dollansky	Space Structures	Heywinkle / Verseidag	PVC/PVDF & PTFE
Erich Dollansky	Space Structures *	Hammersteiner	PVC/Pes Fluor
Erich Dollansky	Space Structures *	Hammersteiner	PVC/Pes Fluoro Lac
Erich Dollansky	Space Structures *	Verseidag	PTFE/glass
Kamols Membrane structures Pty Ltd	Kamols Membrane Structures P/L *	Hammersteiner	PVC/Pes
Kamols Membrane Structures Pty Ltd	Kamols Membrane Structures P/L *	Hammersteiner	PVC/Pes
Kamols Membrane Structures Pty Ltd	Kamols Membrane Structures P/L *	Hammersteiner	PVC/Pes
McWilliam Freeform	Geo Pickers (Brisbane) Pty Ltd *	Hammersteiner	PVC/Pes
McWilliam Freeform	Geo Piers (Brisbane) Pty Ltd *	Hammersteiner	PVC/Pes
Chemfab Pty Ltd	Chemfab Pty Ltd *	Chemfab Pty Ltd	Tef Fibreglass
McWilliam Freeform	Structureflex Australia *	Seaman Corp	PVC/Pes/Tedlar
Connell Barrow McCreedy Pty Ltd	Spacotech Pty Ltd *	Hammersteiner	PVC/Pes
Connell Barrow McCreedy Pty Ltd	Spacotech Pty Ltd *	Hammersteiner	PVC/Pes
McWilliam Freeform	Vesl Membrane Systems *	Seaman Corp	PVC/Pes/Tedlar
McWilliam Freeform	Vesl Membrane Systems *	Seaman Corp	PVC/Pes/Tedlar
Darryl Thomson	Superspan Pty Ltd •	Gale Australia	Shade Cloth
McLean Wade & Partners	Geo Pickers (Brisbane) Pty Ltd *	Hammersteiner	PVC/Pes
McWilliam Freeform	Youngs Wire Works	—	Welded Wire
McWilliam Freeform	Vesl Membrane systems	Seaman Corp	PVC/Pes

* Indicates Entrant





CATEGORY — FREEFORM FABRIC STRUCTURES

Merit Award



THE LIGHTHOUSE HOTEL ULVERSTONE
Space Structures



**QANTAS PAVILIONS
BICENTENNIAL AIR SHOW**
Chemfab Pty Ltd



IPSWICH CITY MALL
Kamol's Membrane Structures P/L



NORTHSIDE PLAZA ROCKHAMPTON
Structureflex Australia



**PRINCESS ALEXANDRA HOSPITAL
— EATING ROOM**
Geo Pickers (Brisbane) Pty Ltd



GROSVENOR PLACE COFFEE SHOP
Kamol's Membrane Structures P/L





CATEGORY — FREEFORM FABRIC STRUCTURES



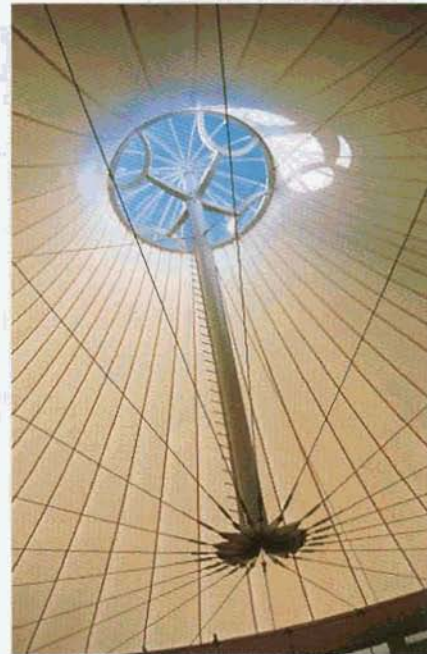
SHELL — WESTGATE
Spacatech Pty Ltd



SOUTHPORT MALL
Vesi Membrane Systems



WATERFRONT PLACE SOUNDSHELL
Structureflex Australia



PAVILION HOTEL CANBERRA
Bryan R Dowling

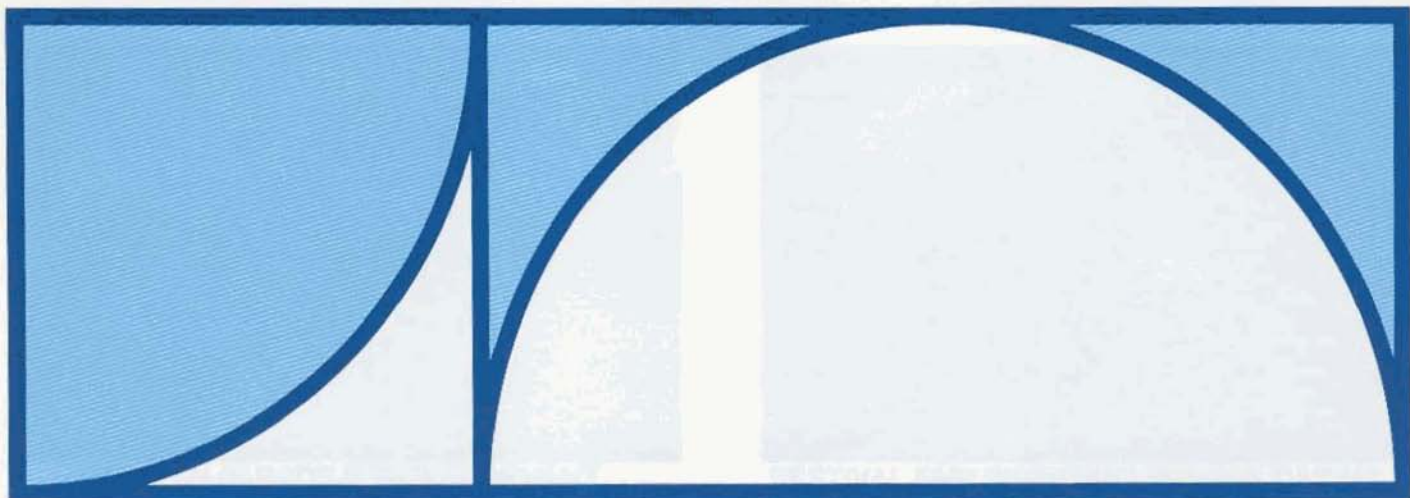


NOOSA ON THE BEACH
Geo Pickers (Brisbane) Pty Ltd



**ROYAL QUEENSLAND YACHT
SQUADRON CLUB**
Kamols Membrane Structures P/L





PERMAFAB

With over fifty-five successful projects to its credit, PERMAFAB are leading the way in the Australian fabric structure industry.

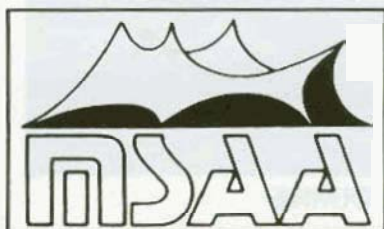
The unique nature of fabric technology offers a vast range of architectural solutions to the construction industry. At PERMAFAB we specialise in providing owners and developers with a full range of products and services from consultation to project completion.

PERMAFAB's design solutions combine technical, functional, economic and aesthetic considerations. Our Melbourne based fabrication plant enables project completion on time every time, while specialist construction and installation crews ensure successful completion of every project.

PERMAFAB's product range includes SHEERFILL® and FABRASORB® Teflon® coated fabrics. SHEERFILL®, a permanent architectural fabric woven from fibreglass and coated in Teflon® combines strength, durability, serviceability and flame resistance. Variations in weave and Teflon® coating allow designers to tailor SHEERFILL® to meet varying demands of light transmission, insulation and acoustic absorption. With a minimum life expectancy of twenty-five years and a fifteen year reducing guarantee, PERMAFAB recommend SHEERFILL® for all permanent architectural applications.

So next time you're impressed by the elegance or technical efficiency of a fabric structure, chances are that PERMAFAB is the company **M i n d** the quality.

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This Newsletter is produced by the Membrane Structures Association of Australasia.
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