

PRODUCT CATALOG

SYNTHETIC THATCH ROOFING SOLUTIONS

ABOUT PALMEX

Palmex International Inc. is currently the world leader in the production and distribution of eco-friendly synthetic palm leaves used in the construction and renovation of traditional thatch roofing. In order to meet & exceed homeowners' and the hospitality industry's needs, our team has worked on designing and developing a product that is both durable and ecologically sound, with classic aesthetics. It stands as a highly effective substitute for the commonly used natural palm leaves, which are now classified as endangered species and protected in numerous countries.

Palmex Australia commenced operations on the Gold Coast in 2018, after 10 years based in the South Pacific where we serviced Tourist Resorts, Private Islands and residential properties in Fiji, as well as Samoa and Tonga. Palmex roofing became the preferred alternative to grass thatch and the #1 choice when refurbishing their Bures and Fales.

Palmex Australia now services all of Queensland and northern New South Wales and has built a name for itself here, as the #1 in tropical roofing. All Palmex materials meet the strictest global safety standards and can be adapted to fit any architectural style or roofing type.

Palmex also caters for those who wish to build a brand new gazebo and has a team of highly qualified builders and installers to undertake a variety of structures.

Palmex roofs last a lifetime. They look terrific and are maintenance-free. By choosing to install Palmex, your relaxation and leisure time will be enhanced by knowing that you are now worry-free. Not only that, the installation will increase your property value.



OUTSTANDING BENEFITS



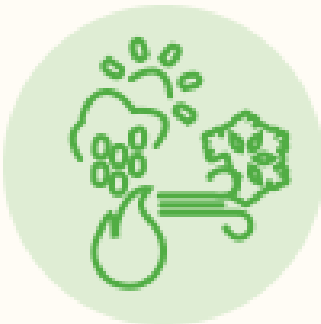
ECO-RESPONSIBLE

- 50-year lifespan
- 20-year warranty
- Environmentally-friendly material
- No toxic product fumigation
- Recycled & recyclable
- Zero-waste production
- Reusable packaging



PEACE OF MIND

- Quick and easy installation
- No leaf replacement or repair
- No maintenance or daily upkeep for the indoor areas: Cost saving



ALL-WEATHER PROOF

- 100% waterproof
- Certified wind-resistance to 260 km/h (160 mph)
- Certified UV- resistant and fade resistant
- Industrial-strength material



RETURN ON INVESTMENT

- No renovation needed = no temporary hotel closing for maintenance = cost saving
- Structure protection

CUSTOMER BASE

HOTELS/RESORTS



BEACHES



RESIDENTIAL



RETREATS/
ECO CENTRES



WATERPARK



CAMPING
FACILITIES

CUSTOMERS WHO TRUST US



SOFITEL
HOTELS & RESORTS



WESTIN®
HOTELS & RESORTS

W
HOTELS




RIOHA

RIOHA



Our most popular type of thatch, **RIOHA**, is designed to resemble the look of the Maldivian thatching and replicates a perfect island set-up. The edge has a fine tip, which closely resembles the coconut palm tree.

PALMEX VS NATURAL

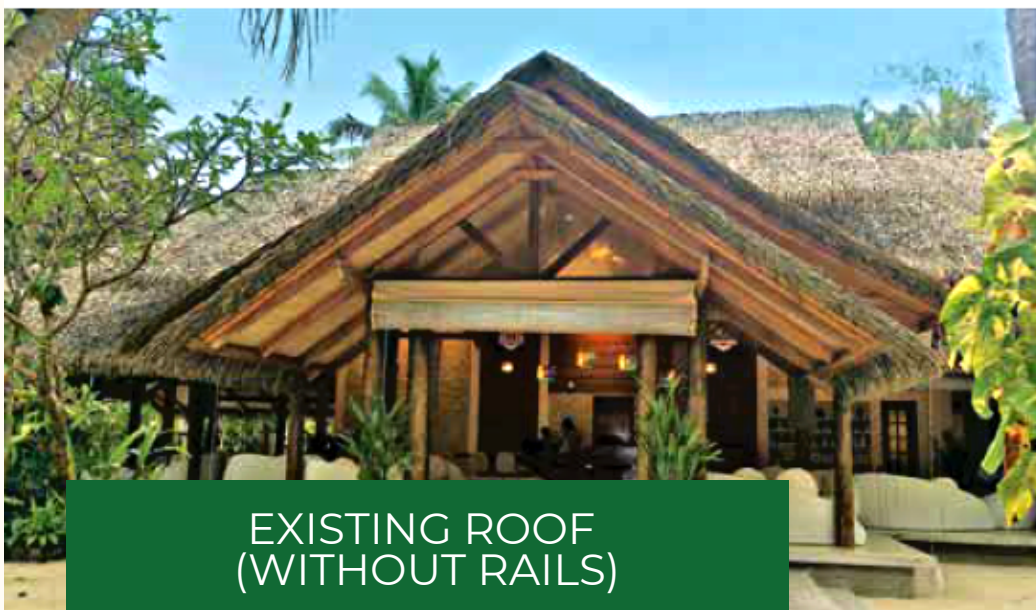
	 THATCH ROOFING	NATURAL LEAVES ROOFING
WARRANTY	<ul style="list-style-type: none"> • 20 years 	<ul style="list-style-type: none"> • Generally non-existent
LIFE EXPECTANCY	<ul style="list-style-type: none"> • 50 years 	<ul style="list-style-type: none"> • Replaced every 2 to 5 years
QUALITY	<ul style="list-style-type: none"> • Made of high-density Polyethylene (HDPE) • Industrial strength, superior resistance • UV protection • Same polymer used to manufacture fuel cans, paddleboats, kayaks, sleds, slides, etc. 	<ul style="list-style-type: none"> • Often suffers damage from climate conditions, insects, moss, rot, as well as exposure to sun, wind and sea salted air • These days, traditional thatch preparation (proper harvesting, saltwater treatment, drying sequence, weaving, etc.) is often neglected or compromised
MAINTENANCE	<ul style="list-style-type: none"> • Maintenance free, self-cleaning design • No accumulation of residue 	<ul style="list-style-type: none"> • Regular maintenance required; repairs, insecticides, fumigation, fire-resistance treatments, cleaning of underlying floors and furniture, etc. • Recurring labour costs
WIND RESISTANCE	<ul style="list-style-type: none"> • Certified against winds up to 260 km/h (160 mph) • Wind clips available for additional resistance 	<ul style="list-style-type: none"> • No existing standards – generally low wind resistance • Ensuing repairs and maintenance involved
WATER RESISTANCE	<ul style="list-style-type: none"> • Guaranteed 100% watertight for roofs sloped at 30 degrees or greater • Palmex patented installation systems provide the structure with great waterproof qualities 	<ul style="list-style-type: none"> • Requires very thick layering (high leaf volume) to attain water-tightness • Heavy roof structure • Negatively affected by humidity
FIRE RESISTANCE	<ul style="list-style-type: none"> • HDPE is naturally a low-flammable material • Certified "fire-retardant" models also available (FR) 	<ul style="list-style-type: none"> • Highly flammable and may cause fires • High risk of fire propagation • Costly insurance coverage and high risk of refusal
FADE RESISTANCE	<ul style="list-style-type: none"> • Guaranteed fade resistant (under warranty) 	<ul style="list-style-type: none"> • Fast, progressive fading • Visible colour discrepancies after repairs
PROTECTION FROM INFESTATION	<ul style="list-style-type: none"> • Material does not attract insects, rodents, birds, etc. 	<ul style="list-style-type: none"> • Susceptible to infestations and nesting
COMFORT	<ul style="list-style-type: none"> • Layered installation method (allowing air pockets), makes for much cooler under-roof temperatures 	<ul style="list-style-type: none"> • Weak insulation capabilities means a high volume of leaves are required (very thick layering)
ADDED VALUE	<ul style="list-style-type: none"> • Undeniable return on investment • Adds value to the building structures 	<ul style="list-style-type: none"> • No added value
INSURANCE SAVINGS	<ul style="list-style-type: none"> • Lower insurance costs • Palmex products are deemed entirely safe 	<ul style="list-style-type: none"> • High risk factor • Costly insurance or insurance refusal
ENVIRONMENTAL FACTORS	<ul style="list-style-type: none"> • Eco-friendly • 100% recyclable • No toxic products required (cleaning, etc.) • Rain water harvesting possible 	<ul style="list-style-type: none"> • Damage to the natural environment (harvesting leaves) • Roof maintenance often leads to pollution via toxic products such as insecticides, pesticides, fire prevention sprays, etc.
INSTALLATION	<ul style="list-style-type: none"> • Fast and easy. Instructions provided by Palmex • Minimal skills required 	<ul style="list-style-type: none"> • Requires skilled labourers • Longer, complicated and costly installation process
TRANSPORT AND STORABILITY	<ul style="list-style-type: none"> • Optimized transport and storage: high coverage, low shipping/storage volume, thin leaves, compressed packaging. • Export from Canada : 20' container = up to 3250 sqm 40' container = up to 7700 sqm • Export from Thailand : 20' container = up to 2700 sqm 40' container = up to 5500 sqm 	<ul style="list-style-type: none"> • To cover an equal surface per m2 or sq.ft, natural thatch roofing requires approximately 11 times the volume of Palmex products (transport and storage) • 1 container of Palmex leaves = 11 containers of natural leaves



ON RAFTERS (WITH RAILS)



HORIZONTAL BATTENS
(WITHOUT RAILS)



EXISTING ROOF
(WITHOUT RAILS)

PACKAGING

BUNDLES OF APPROXIMATELY 72 LEAVES:

*43" L x 26" W x 5" H x 52 lbs / 109 cm L x 66 cm W x 13 cm H x 24 kg
86 sq. ft. / 8 m² coverage per bundle.

BUNDLE OF 24 RAILS :

114" L x 4" W x 4" H x 20 lbs / 289 cm L x 10 cm W x 10 cm H x 9 kg

INSTALLATION



Leaves are screwed directly TO the rafters. visible from inside the building. Three leaves to slide into the rail. Overlapping from the bottom to the top of the roof (4" 3/8 / 11 cm spacing between rows except for the first row which is fixed at 7" 7/8 / 20 cm from the bottom.)



A double layer of leaves for the first row creates thickness along the roof's edge.)

Palmex wind clips can be added for better wind protection.

CUSTOMS CODE

To choose among:
39.21.19.90 39.25.90

PACKAGING

BUNDLE OF 72 LEAVES :

*43" L X 26" W X 5" H X 52 LBS / 109 CM L X 66 CM W X 13 CM H X 24 KG
97 SQ. FT. / 9 M² COVERAGE PER BUNDLE.

INSTALLATION

To be nailed, stapled or screwed TO a sub-roofing (plywood, shingles, metal sheeting, battens, etc.).

Overlapping from bottom to the top of the roof (4"3/4 / 12.5 cm spacing between rows except for the first row fixed at 7"7/8 / 20 cm from the bottom and the second row at 2" / 5 cm from the first to give the appearance of thickness along the roof's edge.)

An additional row of nails can be added (at 4"3/4 / 12.5 cm from the top of the leaves for better wind protection.) Palmex wind clips can be added for better wind protection.

CUSTOMS CODE

To choose among:
39.21.19.90 39.25.90



BEFORE/AFTER

BEFORE



AFTER



MATERIALS

LEAF MATERIAL

- High-Density Polyethylene (HDPE)
- Thermo-molded
- Fire-Retardant version available
- UV-protected
- Tobacco Colour
- Highly resistant
- 100% recyclable

RAIL MATERIAL

- Profiled PVC
- Tobacco colour



CERTIFICATIONS



Peter at Palmex provided service above and beyond to accommodate our requirements. He is very professional and friendly. Wayne's excellent workmanship was wonderful to see. His standards demand precision at every stage of the build. The installation was very quick and the results speak for themselves. The spa next to the pool looks like a million dollars now - adding to the resale value! Thank you. we have recommended the products to friends - it's standing up to the test of the rigours of the wet tropical North Queensland weather and its gives much need shade.

- Heather Saunders

Cairns, QLD

I approached Peter at Palmex after spending years fishing out old rotted natural thatch from my pool. When the roof on my hut also started developing holes and became home to a family of rats, I decided enough was enough. Peter's team removed the old thatch quickly and efficiently and disposed of it. They replaced it with Palmex, all in a day. I wish I had done this years ago. My Bali hut looks brand new again and the effect is incredibly natural. Peter was not only reliable and professional but his workmanship was top class. It is a truly wonderful product. I couldn't be happier.

- Dr D.S

Broadbeach Waters, QLD

Palmex provided an excellent quality product that was perfect for our aged care project on the Sunshine Coast. The product was easy to install and our client was very pleased with the result.

- John Nosworthy

Boyd's Bay Landscaping, Tweed Heads, NSW

We had the pleasure of having Palmex installed our new roofing on our Bali Hut. The workers were all highly competent and dedicated to their jobs, which were performed with much enthusiasm. The completed project was amazing to look at and the end result was fantastic; completely weatherproof with no little birdies able to make their nests. We strongly recommended Palmex to anyone wanting a superior weatherproof thatched roof for their Bali hut. It's natural look will enhance any pool area or property. Guaranteed for twenty years!

- Lynn & Colin Wade

Piggabeen, NSW



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