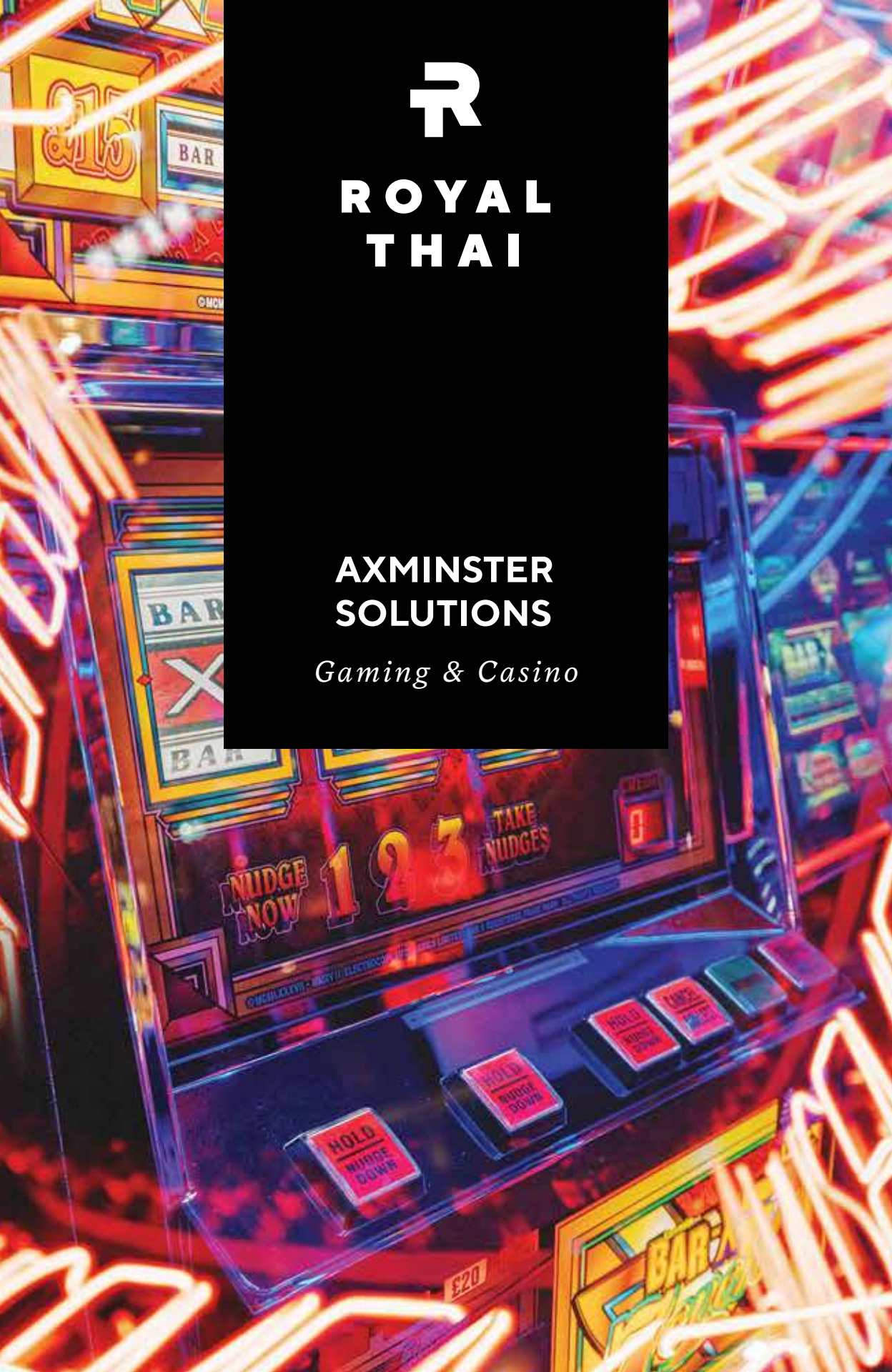




**ROYAL  
THAI**

**AXMINSTER  
SOLUTIONS**

*Gaming & Casino*





ABOUT

# Royal Thai

For the past 50 years, Royal Thai has been designing and manufacturing carpets for high-end commercial spaces across the globe. A family-oriented company founded by the Srivikorn Group, our core values stand strong to help elevate the lives of those around us.

Today, Royal Thai is one of the world's leading producers of Axminster carpets representing every corner of the globe, with a leadership team that covers every time zone, a manufacturing team based in Thailand, and design teams across Europe, Asia and the Americas.

## Inspired Design + Technical Innovation + Customer Service

For us, it is a simple equation that creates beautiful solutions for large-scale complex projects. Reliability is expertly woven into every design, ensuring a quality you can trust.

Axminster is widely recognized as the world's most durable type of carpet. Machine-woven from high-quality yarns into a single, highly stable construction, this enduring classic provides a sturdiness that is ideal for the demanding, high foot traffic conditions of gaming facilities.

Our custom carpets and unparalleled service make us the premier choice for high-traffic environments around the world. We recognize when it comes to casino flooring, performance is king; longevity, capacity for cleaning and resilience are crucial. At the same time, styling of both palette and pattern are equally important elements.

We believe what we do is more about looking good. It's about making a solution that can be accepted in all time zones and at all project stages. Meeting many needs at once is what it's all about. It brings together desire, style, durability, and dependability. It's all in and hands-on. That's the reason we love it.





# ROLL THE DICE

Royal Thai's unsurpassed manufacturing diversity continues to evolve with unique floor covering solutions for all commercial sectors, and is engineered to provide facility management with the best return on investment.

We are capable of providing adaptable broadloom Axminster, large format Mega Plank, and many other modular solutions to accommodate a wide range of requirements in various spaces. With more than five decades of experience and refinement of the manufacturing process and design for gaming requirements, we are able to provide a higher level of confidence in our products and services.

Employing an inexperienced-team would be like "rolling the dice" with your investment



Aquis Casino in Canberra, Australia







# THE BEST CASINO HOTELS IN THE WORLD

Imagine Las Vegas, a hotel and entertainment complex so vast it's lights can be seen from 100 miles away on a clear night. Casino, gaming and entertainment complexes however come in all shapes and sizes.

**Marina Bay Sands** (Singapore) and **Wynn Macau** (Macau) are highest ranked casinos in Asia Pacific.

**The Londoner** (Macau), **Solaire Resort and Casino** (Philippines), **Marina Bay Sands** (Singapore), **Wynn Macau** (Macau), **The Venetian** (Macau), and **Casino Lisboa** (Macau) are signature projects for Royal Thai and each one uniquely called upon our entire range of capabilities from material quality and design to our logistical expertise and service.

*[The Best Casinos In The World](#)  
[Casino Hotel Rankings](#)*



Marina Bay Sands is the largest hospitality project ever awarded to one carpet manufacturer. For Royal Thai the scale of the project is a fantastic opportunity to demonstrate our ability to design, produce and deliver multiple carpet types and to show we have a distinctive capability to manage a project of this size and give our customers and owners 'One Point' of contact.

The Marina Bay Sands project drew on every aspect of Royal Thai's expertise – design, manufacturing, installation, project management, logistics and customer service.

## Working With Royal Thai



- *Design Consultation:* What you can envision, we can create. Our state of the art studio and a team of design experts can help turn your vision into reality. We also have a design catalogue of over 10,000 ideas to help you on your journey.
- *Specification Recommendations:* Carpet selection and procurement doesn't need to be overwhelming. Our team of experts can tailor the wide range of available products to your project's unique demands. Balancing aesthetics with practicality, the team guides you through a seamless process to help you select the right floor covering with confidence.
- *Planning and Estimating:* Once design gives way to logistics, our planning and estimating team can help you calculate the exact number of carpet rolls needed to bring your vision to life at scale. They can also determine how your carpet rolls will all fit together into a single cohesive flooring experience across the entire property.
- *Full Project Overlays:* With projects on a grand scale, even an experienced eye may find it challenging to visualize how the final product might look. We can help by creating stunning high-fidelity overlays that simulate what the design will look like on site.
- *Field Verification:* Measurements may look good on paper, but mistakes could be costly if they don't add up in your setting. Our field verification specialists will help to ensure that all your project measurements are aligned with on-site dimensions of your space.
- *Installation:* Proper installation is essential to your carpet's longevity, and our expert in-house installers provide full service in select territories. Elsewhere, we'll work closely with a trusted global network of installation specialists to supervise the process and ensure high-quality results.

# HYGIENE BENEFITS

Royal Thai takes one step beyond WHO guidelines for COVID-19 by introducing Vi-Guard, our treated carpet with a hygiene protection guards against unwelcome bacteria, microbial attack, and covid-19.



© ROYAL THAI

Independent Tests were conducted using a common coronavirus reminiscent of SARS-Cov2, a virus with properties similar to Covid-19. In accordance with ISO 18184:2019, Vi-Guard acts to neutralize viral cell proteins coming into contact with treated carpet rendering them ineffective and reducing viral load by over 95%.



Carpet without VI-GUARD

> 95% Viral Reduction

Vi-Guard is available for all Royal Thai's products. In addition to application during production, Vi-Guard can be reapplied post-installation if required.

Carpet treated with Vi-Guard technology is proven to reduce the risk of viral transmission within occupied spaces. Along with a regular cleaning and maintenance program Vi-Guard contributes to a healthy and hygienic environment.



# WHY ROYAL THAI

An extremely durable machine-woven carpet made from superior yarn and is available in unlimited patterns and color options.

Sectors: Commercial, Corporate, Healthcare, Multi-family, Hospitality



## 01 WELCOME TO STYLE

Axminster carpet provides ultimate style flexibility within any gaming interior. It is also available in many configurations of roll and modular options



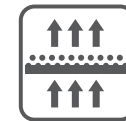
## 02 WELCOME TO COMFORT

Carpet effectively absorbs underfoot impact reducing leg muscle fatigue to a greater degree than a hard surface. Underfoot cushion translates to better ergonomic comfort for the occupants and increases overall wellbeing of everyone who sets foot in the facility.



## 03 WELCOME TO PEACE & QUIET

Carpet is an outstanding sound absorptive material compared to resilient & hard flooring. Carpet absorbs ambient noise as effectively as most specialized acoustic materials.



## 04 WELCOME TO WELLBEING

Natural dust allergens and bacterial particulates that settle onto smooth surfaces become airborne from human interaction, triggering allergic reactions (e.g. asthma, itchy eyes). The surface pile of carpet improves indoor air quality by entrapping dust particles until they are routinely vacuumed away.



## 05 WELCOME TO GREEN BUILDING

When compared to hard surfaces, Carpets increased thermal insulate propensity regulates ambient temperature fluctuation. In controlled laboratory tests measuring heat consumption of two identical dwellings (one with and one without fitted carpet), the contributable energy saving was between 8.6% and 12.8% per annum. This considerably reduces the facilities Carbon footprint with lower electricity consumption required for HVAC systems. Royal Thai carpets contribute to the WELL Building Standard solely focuses on optimum human health and performance in the interior spaces.



## 06 WELCOME TO SUSTAINABILITY

Royal Thai's ISO:140001 environmental management reduces impact at every stage of production by;

- 90% Clean Energy by onsite Solar Panel
- Using recycled/recyclable synthetic fibers.
- Zero waste to Landfill by repurposing offcut & take back EOL into refuse derived fuel (Biofuel) for Power Generation/ Cement manufacturing.
- Carbon Sequestration program by water treatment sediment to organic fertilizer production.
- Use of low VOC carpet adhesives and materials for all products.

The Londoner Macau Hand Tufted

# ACOUSTICS

Reducing environmental noise levels within the gaming interior space is critical to enhancing guest comfort and staff wellbeing. This includes suppressing reverberation from both external (traffic, maintenance equipment) and internal (footsteps, trolleys, loud speech, etc.), noise sources.

Carpet is an outstanding sound absorbing material when compared to resilient flooring materials. Properly selected, carpet can absorb disruptive sounds as effectively as many specialized acoustical materials. Impact sound transmission to adjacent rooms is an acoustical advantage that becomes obvious as soon as carpet is installed over an existing hard-surface floor. No other acoustical material performs a dual purpose as well as carpet as both floor covering and versatile acoustical aid.





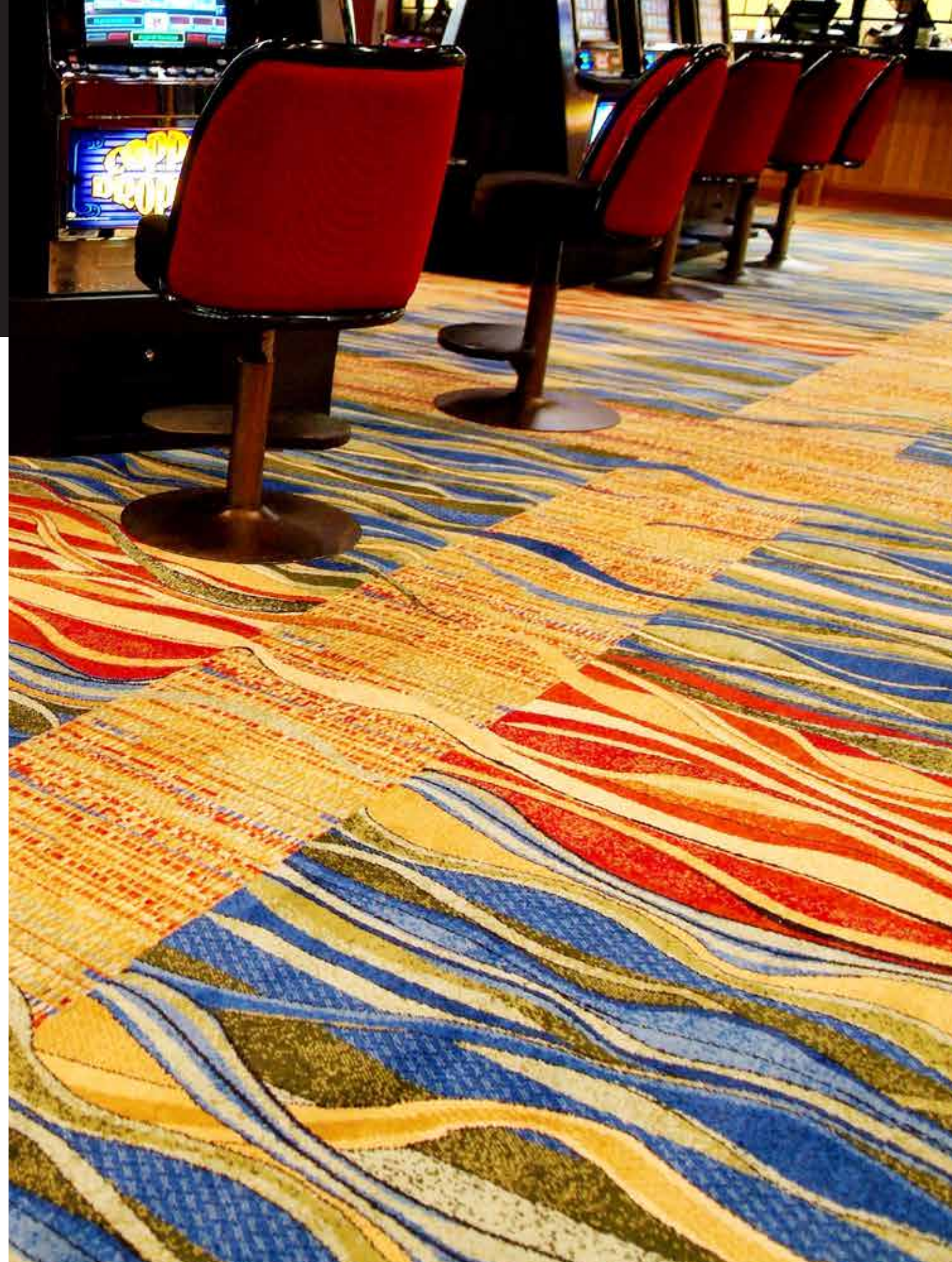
# PERFORMANCE

Working within budget constraints and managing cost, while providing a long-term durable solution with materials that make a positive visual contribution is a balance we strive to achieve.

## **Inherent Characteristic**

Airborne dust and bacterial particulates are released through everyday foot traffic and/or drafts from access routes. While hard surface floors allow allergens to be kicked up into the air, carpet improves indoor air quality by capturing dust and small particulates within its pile surface, until they are vacuumed away.

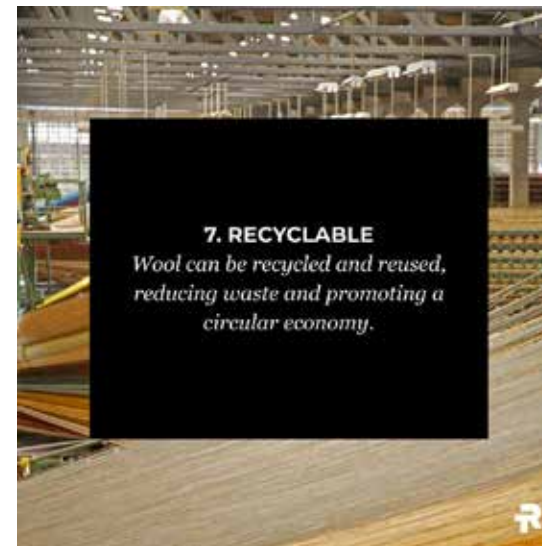
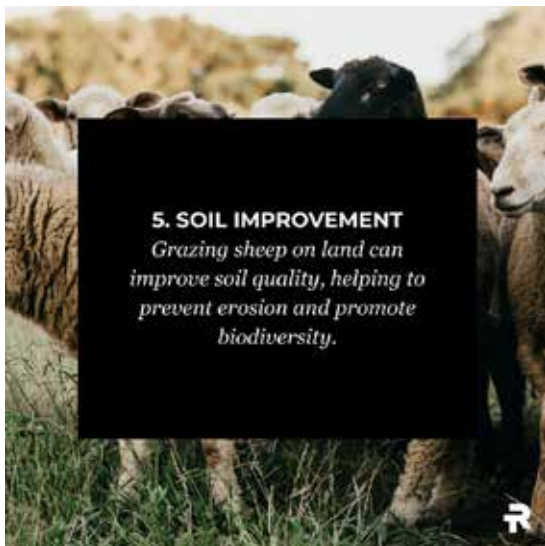
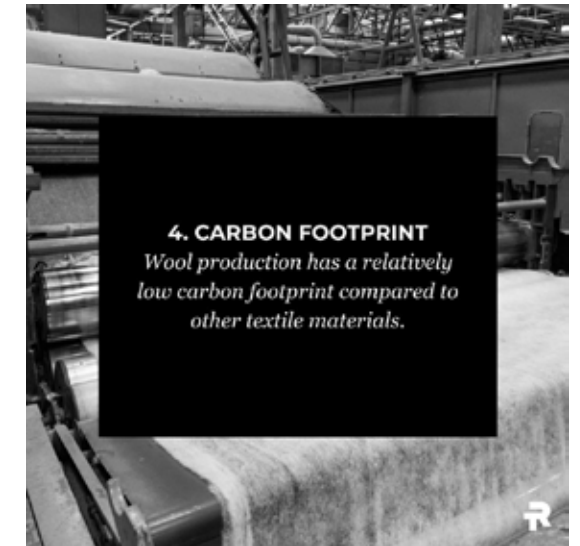
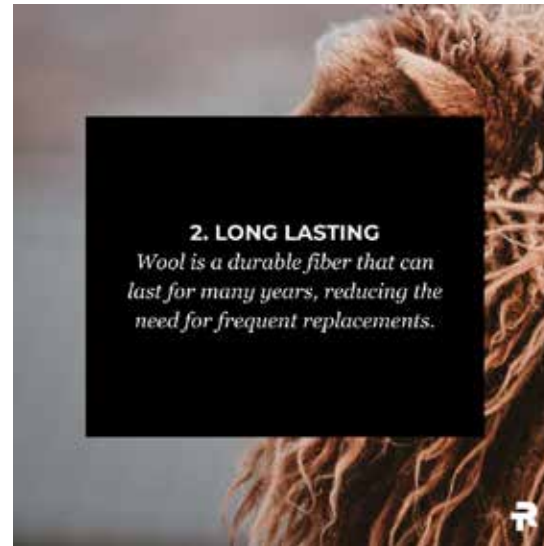
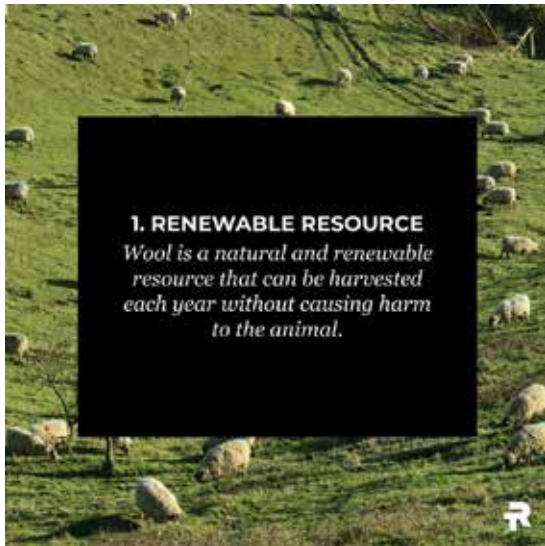
Carpet effectively absorbs impact. Carpet will reduce leg muscle fatigue to a greater degree as compared with hard-floor impact, providing a higher degree of comfort for weary travelers. Better underfoot comfort also contributes to wellness and increased productivity for operating staff.





## BENEFITS OF DESIGNING WITH WOOL

At Royal Thai, our core products–Axminster and Hand Tufted–are comprised of wool. This super-fiber is a naturally occurring and renewable resource, coming from sheep who benefit from routine shearing.



### SUSTAINABLE SOURCES: WOOL

Apart from being a sustainable powerhouse of a fiber, wool is also naturally flame resistant, durable, biodegradable, hypoallergenic, mold and mildew resistant, and easy to maintain.

Wool carpets are inherently soil hiding and generally require less intensive cleaning than many other synthetic fibers. They are also good performers in terms of resilience as the crimp in the wool fiber naturally 'bounces back' after being crushed.

See more details: <https://www.campaignforwool.org/about-wool/>







# CORPORATE SOCIAL RESPONSIBILITY

We recognize that our choices have implications for our customers, associates and environment. We believe it is our responsibility to invest the same level of care and craft into using and managing resources as we do in creating our carpets. We know environmental actions go beyond the cliché of “green”. Our environmental focus, which has been a part of our process for the last 50 years, centers on three specific areas: Certification, Materials, and Social Responsibility.

We believe the certification of our products by credible third parties is crucial as it provides impartial and verifiable claims that benefit our clients. The materials we use must meet environmental standards and the same high-level quality reflected in our products. We believe we have a social responsibility to our employees and the communities in which we operate.







# NET ZERO IN 2050

Royal Thai, a TCM Corporation brand, aims for net-zero emissions by 2050. We acknowledge the urgency of climate change and our environmental impact. Our ambition for a sustainable future drives us to use new methods to lower our carbon impact.

Our research and development goal to optimise our processes, goods, and services to reduce greenhouse gas emissions across our value chain. We will invest in renewable energy, energy efficiency, and responsible use and production. We'll need employee, supplier, and customer collaboration to drive this transition.

We want to help create a cleaner, greener, and more sustainable world by following sustainability principles and adopting a circular economy.





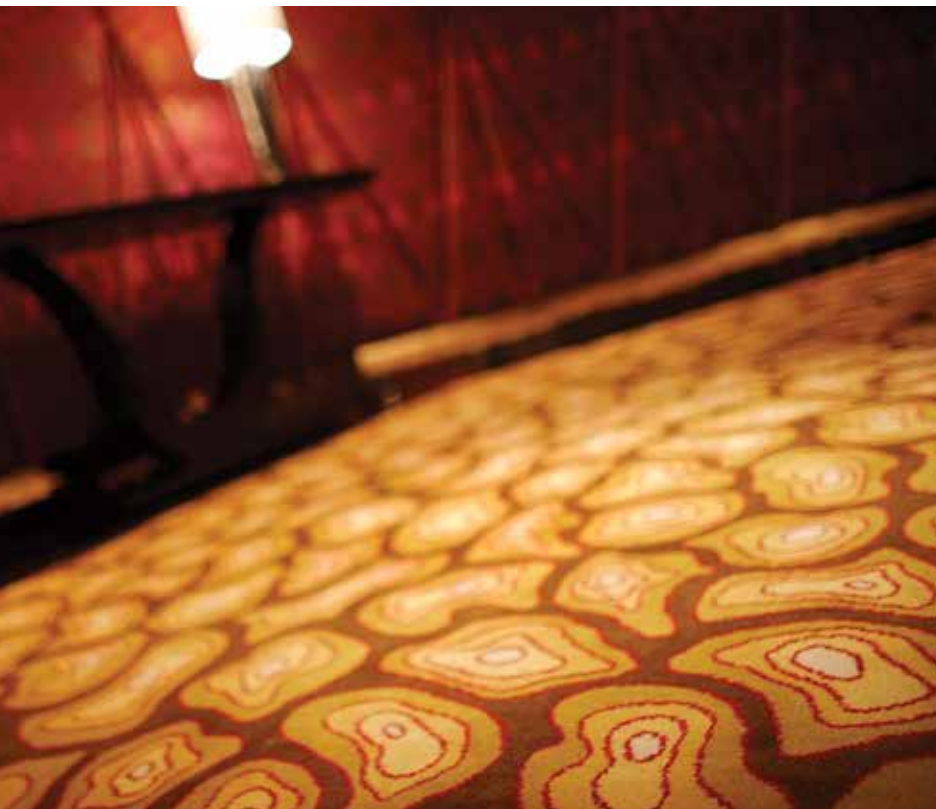
# PROJECT REFERENCES



The Londoner Macau  
Broadloom Axminster





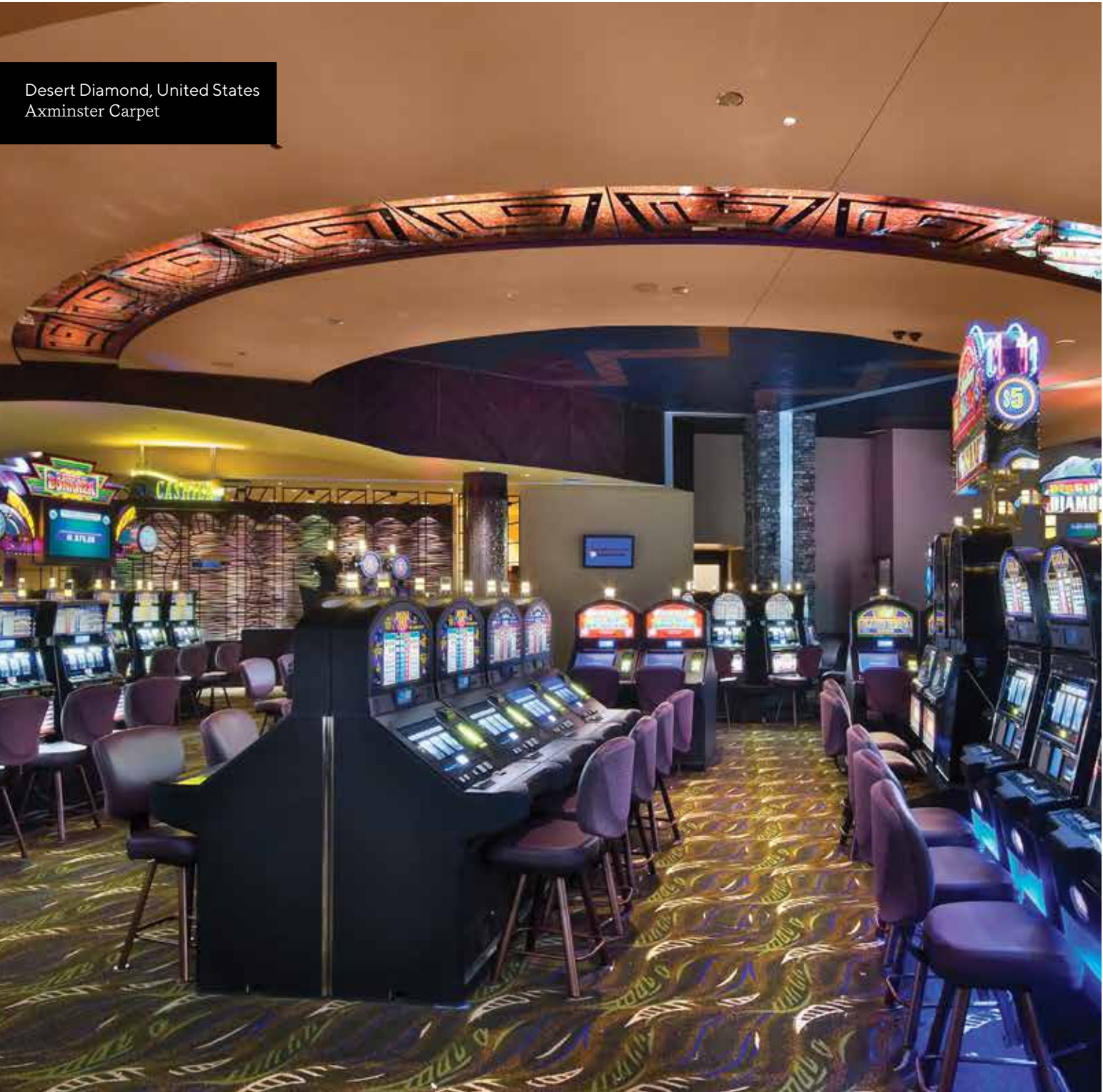


Grand Lisboa Casino, Macao  
Broadloom Axminster



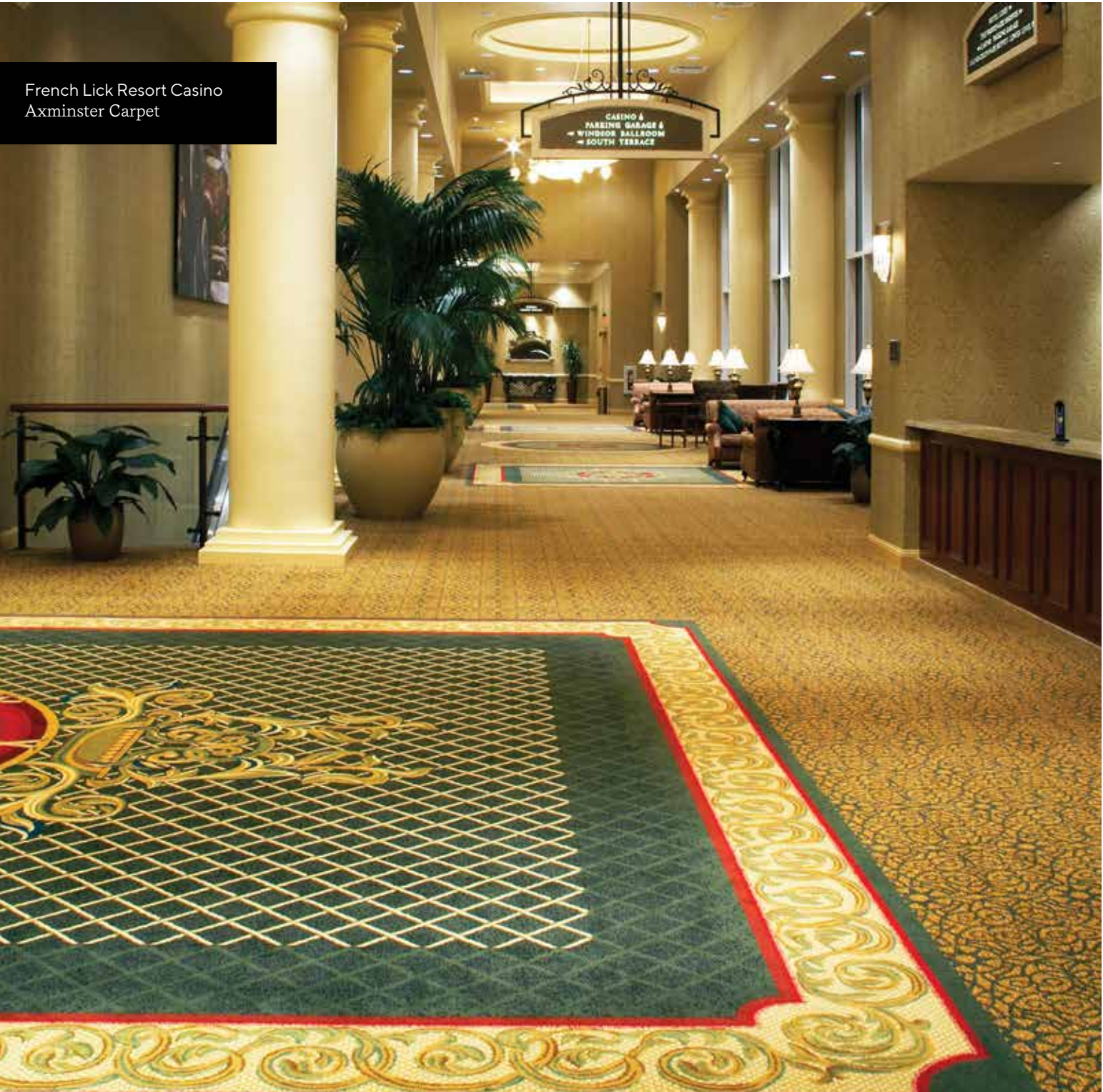


Desert Diamond, United States  
Axminster Carpet

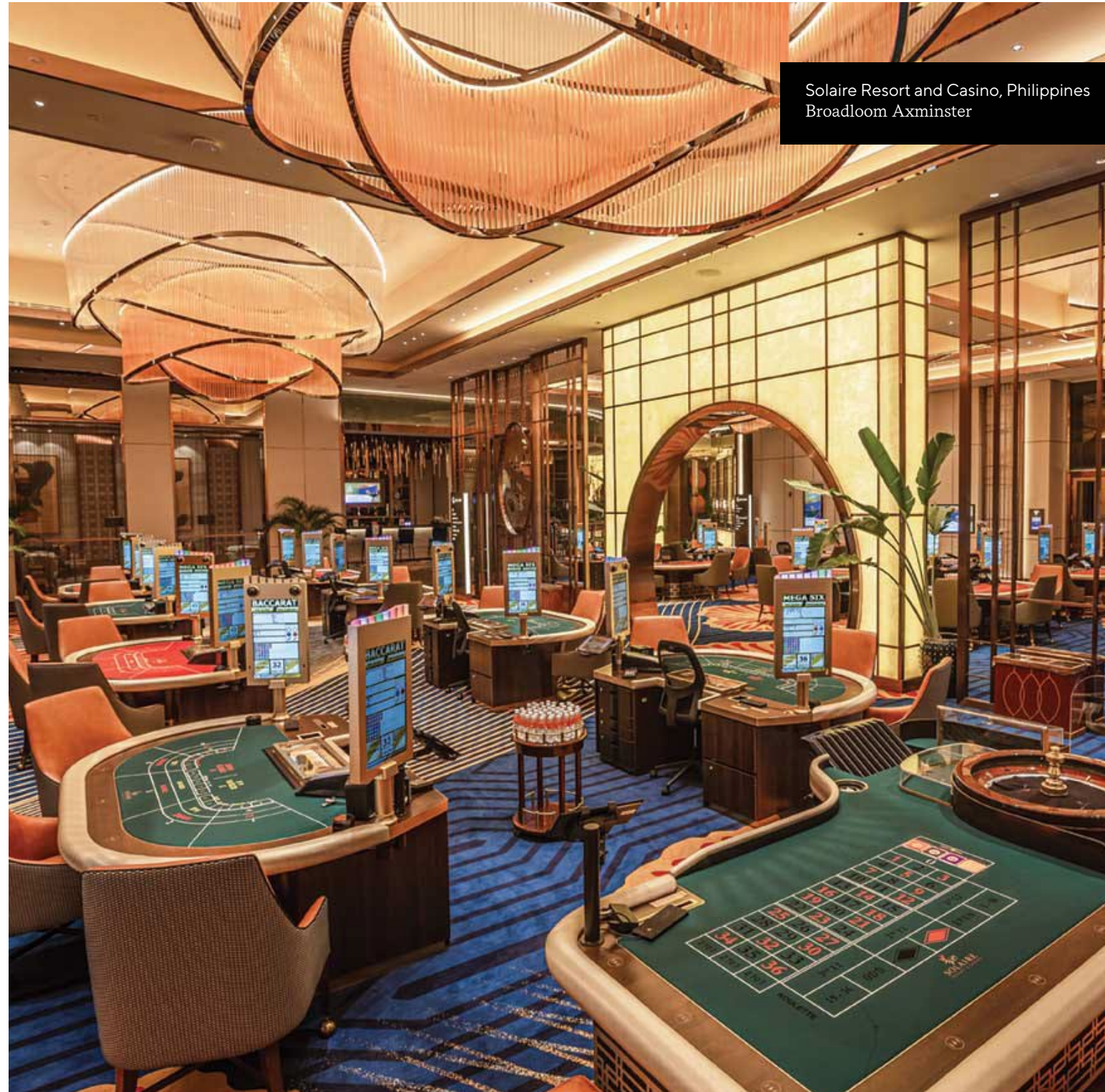




French Lick Resort Casino  
Axminster Carpet











# INSPIRED BY EVERYTHING



Royal Thai takes flooring to another level, with inspired designs that will elevate and enhance any space. No matter where in the world our carpets roll out, they capture attention and allow you to add the finishing touch to spaces and stories.





# PROJECT LISTS



## Macau:

- Sands Macau
- Venetian Macau
- Parisian Macau
- The Londoner Macau
- Wynn Macau
- City Of Dream Macau
- Studio City Macau
- MGM Macau
- MGM Cotai Macau
- Presidente Macau
- Grand Lisboa Macau
- Galaxy Macau

## Singapore:

- Marina Bay Sands
- Resort World Sentosa

## Cambodia:

- Star Vegas Resort & Casino

## The Philippines

- Solaire Resort and Casino
- City Of Dream Manila
- Newport World Manila
- The Grand Wing
- Maxim
- Okada Manila Resort and Casino

## Korea:

- Walkerhill Seoul
- Paradise Seoul

## Australia:

- Adelaide Casino
- Canterbury League Club
- Chatwood RSL Club
- Earlwood RSL Club
- National Press Club
- Orange ExServices Club
- Star Casino
- Taren Point RACF
- Guildford League Club
- Ivanhoe RSL
- Montefiore RSL
- Ryde Eastwood League Club
- Saint Mary League Club
- Woolloomare Golf Club
- Bateman Bay Soldiers Club
- Aquis Canberra Casino
- East Bondi
- Wentworthville League Club
- Bankstown Sports Club
- Campbelltown Catholic Club

## Europe:

- SBM, Monte Carlo
- Scarborough Casino

## United States:

- Ameristar Council Bluffs, Council Bluffs
- Boyd's Gold Coast Hotel and Casino, Las Vegas
- Casino Arizona, Scottsdale
- Casino Queen, East St. Louis
- Desert Diamond Casino, Tucson
- Fort Hall Casino, Fort Hall
- French Lick Casino, French Lick
- Gardens Casino, Hawaiian Gardens
- Isle of Capri Casinos (various US locations)
- Lotus Casino, Sacramento
- Lucky Dragon Hotel and Casino, Las Vegas
- Niagara Falls Casino, New York
- Pechanga Hotel and Casino, Temecula
- Sands Bethlehem, Bethlehem
- The Bicycle Club Casino, Bell Gardens
- The Cosmopolitan, Las Vegas
- The Venetian Hotel and Casino, Las Vegas
- The Mansion at MGM, Las Vegas
- The Palazzo Hotel and Casino, Las Vegas
- Tulalip Casino, Marysville



# AXMINSTER BROADLOOM AND AXMINSTER TILE WITH ECOSOFT® RECYCLED CUSHION BACKING



**EcoSoft®** recycled cushion backing contains 80% post-consumer material reengineered from discarded plastic drinking bottles and 5% post-industrial recycled PET

## LEED Credit Contribution

### Materials & Resources:

Sourcing of Raw Materials	Option 2: Bio-based Materials, ASTM D6866
Material Ingredients	Option 1: Material Ingredient Reporting: Health Product Declaration Option 2: Material Ingredient Optimization: REACH Optimization

### Indoor Environmental Quality:

Low Emitting Materials	CRI Green Label Plus Certified
Acoustic Performance	Option 2: Acoustical Finishes and Site Exterior Noise

## International Standards



We apply strict quality control at all stages of production, in compliance with ISO 9001. However, the carpet manufacturing process is a complex series of operations and variations in the specifications could occur. This will not have any detrimental effect on the product. We reserve the right to amend this specification without prior notice.

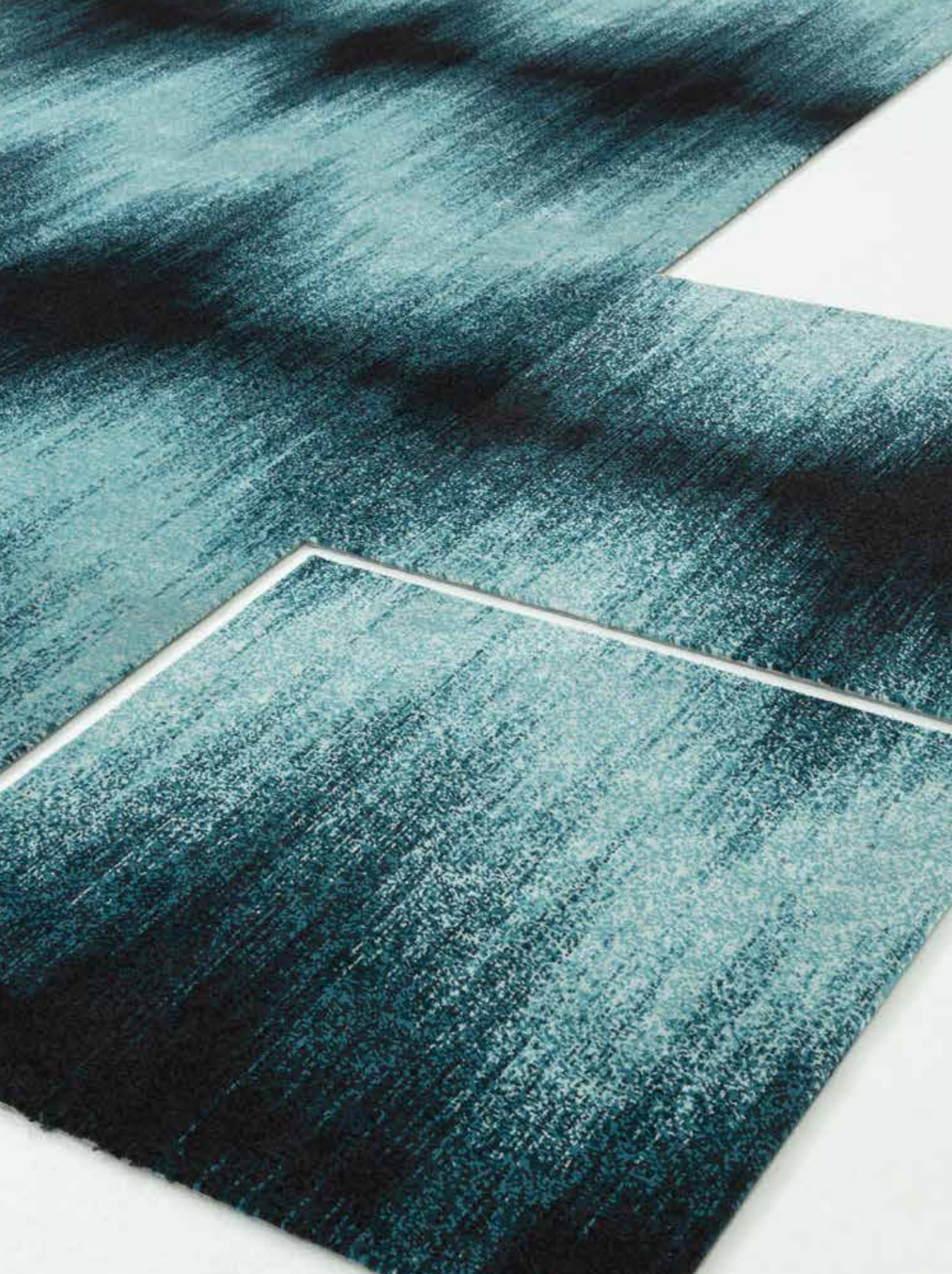
## SPECIFICATIONS

	Axminster Broadloom		Axminster Tile	
	Woven Axminster	Woven Axminster	Axminster Tile with EcoSoft® Back	Axminster Tile with EcoSoft® Back
<b>Quality</b>	Gripper Axminster	Gripper Axminster	Gripper Axminster	Gripper Axminster
<b>Construction</b>	80% Wool / 20% Nylon 6,6	100% Nylon 6,6	80% Wool / 20% Nylon 6,6	100% Nylon 6,6
<b>Pile Content</b>	R 660/2 Tex, 2/47's Dewsbury	R 600/2 Tex, 2/52s Dewsbury	R 660/2 Tex, 2/47's Dewsbury	R 600/2 Tex, 2/52s Dewsbury
<b>Yarn Count</b>	7	7	7	7
<b>Pitch Per Inch</b>	12	13	10	10
<b>Rows Per Inch</b>	6.4 mm (0.252 inch)	6.4 mm (0.252 inch)	6.4 mm (0.252 inch)	6.4 mm (0.252 inch)
<b>Pile Height</b>	48.3 oz/sy (1636 gm/sm)	52.3 oz/sy (1772 gm/sm)	43.6 oz/sy (1478 gm/sm)	39.40 oz/sy (1336 gm/sm)
<b>Pile Weight</b>	71.2 oz/sy (2414 gm/sm)	82.8 oz/sy (2808 gm/sm)	141.1 oz/sy (4784 gm/sm)	136.9 oz/sy (4642 gm/sm)
<b>Total Weight</b>	9 mm (0.355 inch)	90 mm (0.355 inch)	13.5 mm (0.532 inch)	13.5 mm (0.532 inch)
<b>Total Thickness</b>	84	91	70	70
<b>Tuft Density</b>	Polyester/ Polypropylene	Polyester/ Polypropylene	<b>EcoSoft®</b> Recycled Cushion Backing	<b>EcoSoft®</b> Recycled Cushion Backing
<b>Backing Structure</b>	Roll width 3.66/4.00 m.	Roll width 3.66/4.00 m.	100 cm x 100 cm	100 cm x 100 cm
<b>Size</b>	ASTM D2859 CPSC FF 1-70 Pill Test			
<b>Flammability</b>	ASTM E-648 Class I Radiant Panel			
<b>Radiant Panel</b>	ASTM E662-01 Smoke Density <450			
<b>Smoke Density</b>	CRI Green Label Plus			
<b>Indoor Air Quality</b>	AATCC 134/ISO 6356 Permanent Anti-Stat Less Than 3.5 KV			
<b>Electrostatic Propensity</b>	Fully Mothproofed			
<b>Insect Resistance</b>	ISO 9001 / ISO 14001 / ISO 45001 / ISO50001			
<b>International Standards</b>				

Please consult your Royal Thai Representative for the specification that best suits your project.

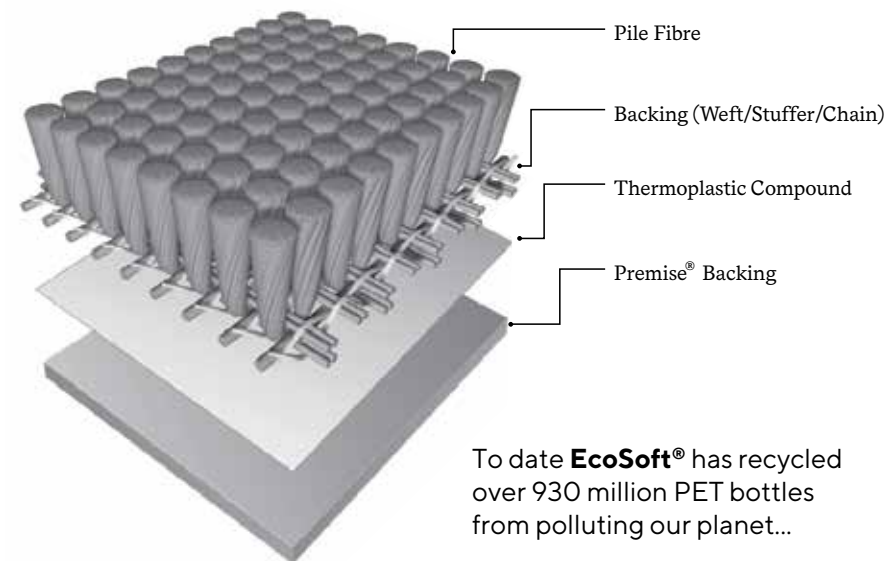






## AXMINSTER WITH ECOSOFT®

### Axminster with EcoSoft® Backing



To date **EcoSoft®** has recycled over 930 million PET bottles from polluting our planet...

Be a part of this mission!

#### **EcoSoft®** Outstanding Features

- > 85% recycled content backing
- > 100% recyclable
- > Superior Acoustical Propensity backing outperforms hardback tile by 150% to 175% per Green Star IEQ10 internal noise level requirements
- > Excellent Dimensional Stability BS EN 986 less than 0.15%
- > Compliance to Indoor Air Quality by CRI Monitoring program
- > Cushioning reduces wear and tear, fiber crush and user fatigue
- > Premise® backed modular axminster carpet contribute up to 6 LEED points

Please consult your Royal Thai Representative for the specification that best suits your project.







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