



Engineered tile for **Jaguar Land Rover**

Modern Luxury ARCH Program
AutoStoneUSA.com/JLR

Mesurable solutions.
Safer environments.

Tile performance built for
automotive spaces.

MADE IN USA 

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AutoStoneUSA.com/JLR



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usa

Showroom Floors & Walls



FL-01 | SHOWROOM FLOOR TILE

Sizes: 48" x 48" - vehicle display & showroom areas.

Sizes: 24" x 24" - customer restroom floor (only).

Finish: Brightfinish

Surface: Matte | Natural

Series: Industry.CleanTech

Color: White Concrete

FL-01 - vehicle display & showroom areas.

FL-01a - customer restroom floor (only).



WA-01 | SHOWROOM WALL TILE

Sizes: 12" x 24" and 24" x 48"

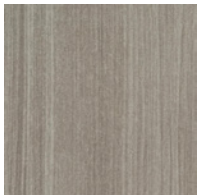
Finish: Brightfinish

Surface: Matte | Natural

Series: Industry.Clean.Tech

Color: White Concrete

WA-01



FL-07 | SHOWROOM & LOUNGE

Sizes: 8" x 48"

Finish: Woodplank

Surface: Matte | Natural

Series: Woodplank

Color: Sycamore Haywood

FL-07



ANSI A326.3 - is the **STF** (slip, trip, and fall) - "environment of use" standard

ANSI A326.3

Environment of Use Rating:

4.1.2 (IW) Interior, Wet

DCOF Rating: ≥ .42 DCOF Wet

brightfinish
ultra-cleanable technology



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ANSI A326.3

Environment of Use Rating:

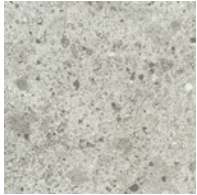
4.1.2 (IW) Interior, Wet

DCOF Rating: ≥ .42 DCOF Wet

JLR Concept Showroom example with
FL-01 Showroom Floor Tile 48" x 48"



Service Drive & Workshop



FL-09

FL-09 | SERVICE DRIVE LANE MARKER

Sizes: 24" x 48"

Finish: Brightfinish

Surface: Super.Grip.BrightFinish

Series: CleanTech .Fragmenta

Color: Grey Grecco



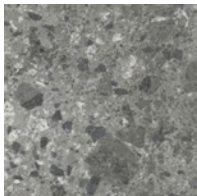
ANSI A326.3

Environment of Use Rating:

4.1.4 (EW) Exterior, Wet

4.1.5 (O/G) Oils/Greases

DCOF Rating: ≥ .42 DCOF Wet



FL-10

FL-10 | SERVICE DRIVE

Sizes: 24" x 48"

Finish: Brightfinish

Surface: Super.Grip.BrightFinish

Series: CleanTech .Fragmenta

Color: Deep Grey Milan



ANSI A326.3

Environment of Use Rating:

4.1.4 (EW) Exterior, Wet

4.1.5 (O/G) Oils/Greases

DCOF Rating: ≥ .42 DCOF Wet



FL-110

FL-110 | WORKSHOP

Sizes: 08" x 08"

Finish: Brightfinish

Surface: Super.Grip.BrightFinish

Series: eShop8USA

Color: Genesis-Carbon Black



ANSI A326.3

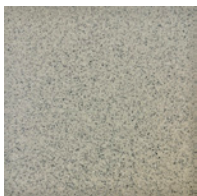
Environment of Use Rating:

4.1.3 (IW+) Interior, Wet Plus

4.1.4 (EW) Exterior, Wet

4.1.5 (O/G) Oils/Greases

DCOF Rating: ≥ .55 DCOF Wet



FL-111

FL-111 | WORKSHOP

Sizes: 08" x 08"

Finish: Brightfinish

Surface: Super.Grip.BrightFinish

Series: eShop8USA

Color: Alloy Grey



ANSI A326.3

Environment of Use Rating:

4.1.3 (IW+) Interior, Wet Plus

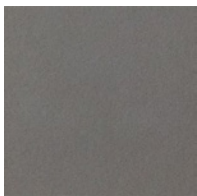
4.1.4 (EW) Exterior, Wet

4.1.5 (O/G) Oils/Greases

DCOF Rating: ≥ .55 DCOF Wet



Service & Tech Walls



113

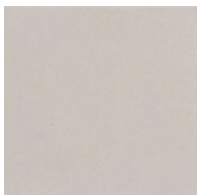
113 | SHOPWALL

Sizes: 08" x 08"

Finish: Satin

Series: Shopwall

Color: Anthracite Grey



112

112 | SHOPWALL

Sizes: 08" x 08"

Finish: Satin

Series: Shopwall

Color: Granita Grey



ANSI A326.3 - is the **STF** (slip, trip, and fall) - "environment of use" standard



FL-09, FL-10, FL-110, and FL-111 include AutoStoneUSA "Enhanced Porcelain Technology" from our **Clean.Tech** manufacturing series. This includes our **BrightFinish** which is a permanent sealant applied during kiln firing.

BrightFinish seals the tile surface, coats the nano-granule surface texture (**Super.Grip**) and fills surface micropores.

The result is cleaner service drives and workshops with regularly recommended cleaning practices.

Better Cleaning and Retailing for Showroom Floors & Walls

Jaguar Land Rover **FL-01 and WA-01 showroom tiles** by AutoStoneUSA are manufactured from our Clean.TechUSA series and include our BrightFinish permanent sealant. BrightFinish is advanced porcelain technology designed to deliver dealers with a better visual appearance and overall better cleaning performance for the life of your facility.

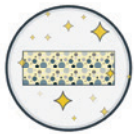
This “ultra-cleanable technology” aids dealers with your cleaning practices. BrightFinish is a permanent sealant that is baked-in during the manufacturing process which seals the tile surface micropores to resist permanent staining and marking.

With proper cleaning practices, floors can be maintained in a "like new" appearance for the life of your dealership. BrightFinish is permanent, durable, and performs better in automotive retail and service facilities than other tiles.

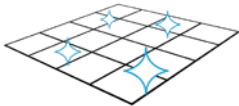
Clean floors impact the customer perception of both the JLR brand and perception of your dealership and the service experience. AutoStoneUSA **FL-01 and WA-01 showroom tiles** are designed to help you keep and maintain their original appearance with regularly scheduled cleaning practices. The “like-new” look of your dealership is an essential component in the retailing and service equation. Your dealership should be clean, well-kept and have a fresh (like-new) retail appearance.



Scan to view our **JLR Cleaning & Maintenance Guide** to understand AutoStoneUSA cleaning practices for JLR facilities.

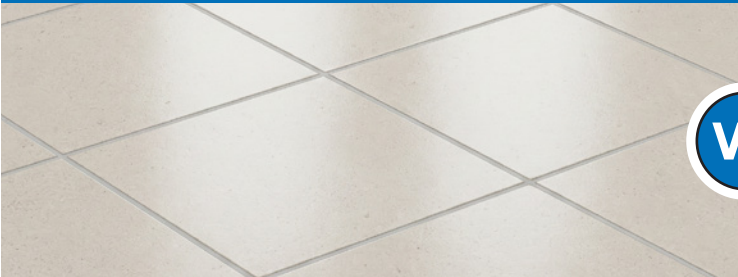


brightfinish
ultra-cleanable technology



AutoStoneUSA’s BrightFinish Excels Over Competitor Finishes

Not all finishes are created equal for automotive environments.

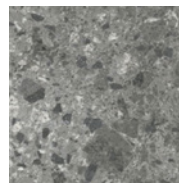
AutoStoneUSA Brightfinish Permanent Sealant (Cleaner retailing and service environments)		Competitors Sandpaper textured surfaces (They track rubber transfer and hold onto dirt, grease, and oil)	
			
✓	Enhanced porcelain technology that delivers better performance and cleaner Jaguar Land Rover retailing environments.	 PROTECTION	Sand paper texture without BrightFinish traps and holds onto rubber transfer, dirt, grease and contaminants. Does not clean. ✗
✓	BrightFinish is a permanent sealant applied during kiln firing. By sealing the surface micropores it retards permanent staining.	 STAIN RESISTANCE	Micropores can expand into macropores, allowing stains to penetrate and bond. ✗
✓	BrightFinish reflects light better and creates a brighter and more engaging environment.	 APPEARANCE	Darkens over time and looks dark, dirty, and dingy. Negatively impacts customer and brand perception. ✗
✓	AutoStoneUSA enhanced porcelain tiles are a permanent floor that delivers better results.	 DURABILITY	Difficult to clean and often shows tracking and tire markings. ✗
✓	Maintenance is simple and cost-effective. Looks cleaner, better, longer. AutoStoneUSA tiles can be maintained in a LIKE-NEW appearance for the life of your dealership.	 LONG-TERM VALUE	More costly to clean and maintain. Requires more expense, effort, and energy for a diminishing return. ✗

Enhanced Tiles for Foot Traffic in the **Service Drive & Workshop**

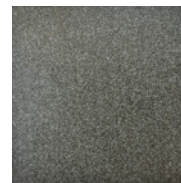
These Jaguar Land Rover tiles are also manufactured from the AutoStoneUSA Clean.TechUSA platform which includes our BrightFinish technology along with our Super.Grip texture to help reduce STF (slip, trip, and fall) risk in the service drive, workshop, and exterior exposed environments.



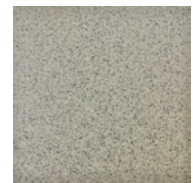
FL-09



FL-10



FL-110



FL-111

STF (Slip, Trip, & Fall) Risk Performance & Adherence to the **US ANSI A.326.3 Standard(s)**

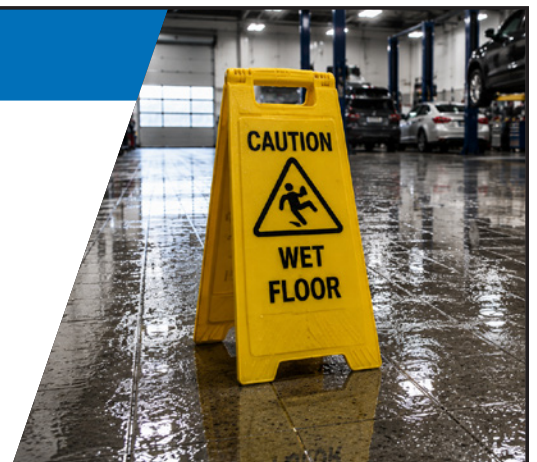
The **JLR FL-09 & FL-10 service drive tile** is exposed to the elements (weather and moisture), grease, oils, and other contaminants which also face greater STF risk. AutoStone tiles used in the service drive meet both the exterior use and the oil/grease environment usage, or the ANSI A326.3 4.1.4 (EW) Exterior Wet & 4.1.5 (O/G) Oils/Greases environments of use category for surface traction.

The **JLR FL-110 & FL-111 workshop tile** also faces a higher risk that is exposed to the elements (weather and moisture), greases, oils, and other contaminants. These all increase your STF risk. The AutoStone JLR workshop tiles meet the higher higher risk category for both exterior use and an oil/grease exposed environments. AutoStone materials meet the ANSI A326.3 4.1.4 (EW) Exterior Wet & 4.1.5 (O/G) Oils/Grease environments of use category for surface traction.

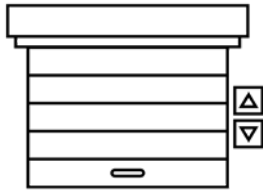


How AutoStoneUSA Reduces STF Risk

- ✓ Meets ANSI A326.3 DCOF & STF (slip, trip, & fall) risk standards
- ✓ BrightFinish, sealed surface resists stains, fluids, and contaminants
- ✓ Better manage your STF (slip, trip, and fall) risk with AutoStoneUSA!
- ✓ BrightFinish aids dealers with Cleaning & Maintenance practices.
- ✓ The right surface for your environment of use.
- ✓ Manufacturer-declared use for the reality of automotive dealership business practices.

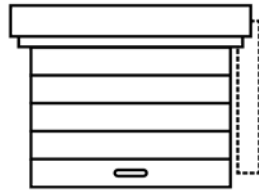


Automotive Environments That Impact STF (Slip, Trip, & Fall) Risk



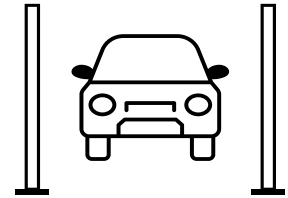
Service Drive with High-Speed Roll-Up Doors

High-speed doors can control the environment throughout daily use. High-speed doors provide ownership an environment that may rate for Interior Wet, Plus (IW+), Exterior Wet (EW), or Oils/Greases (O/G).



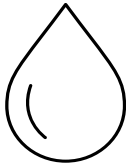
Service Drive with Manual Roll-Up Doors

Manual roll-up doors do not control the environment throughout daily use and would default to Exterior Wet (EW), or Oils/Greases (O/G).



Automotive Workshop Vehicle Lift Areas

Automotive workshop vehicle lift areas are exposed to oils, fluids, and contaminants and would typically default to Oils/Greases (O/G).



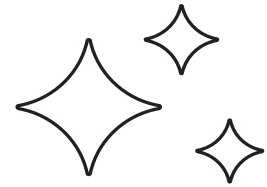
Oil & Lube Express Facilities and Service Drive

An oil lube or service drive where either are regularly exposed to automotive fluids, and are exposed to weather conditions would be rated either Exterior Wet (EW), or Oils/Grease (O/G).



Outdoor & Exterior Environments

Outdoor and exterior environments regularly exposed to weather and moisture would default to Exterior Wet (EW).



Brightfinish Cleanability Technology

These automotive environments paired with AutoStoneUSA Brightfinish tile will resist stains, making cleaner easier thereby keeping floors brighter, longer

Meets ANSI A326.3 STF Standards

Our tiles meet the required surface texture for STF risk benefits.

CLASSIFICATION	REFERENCE CATEGORY	CRITERIA	COMMENTS	AUTOSTONEUSA
4.1.1	Interior, Dry (ID)	≥ .42 dry DCOF	Not available for automotive retail	YES
4.1.2	Interior, Wet (IW)	≥ .42 wet DCOF	Most retail showroom areas	YES
4.1.3	Interior, Wet Plus (IW+)	≥ .50 wet DCOF (Manufacturer-Declared)	Great for tech locker rooms and other interior spaces exposed to water.	YES
4.1.4	Exterior, Wet (EW)	≥ .55 wet DCOF (Manufacturer-Declared)	AutoStoneUSA - JLR - service drive tiles meet this environment of use!	YES
4.1.5	Oils/Greases (O/G)	≥ .55 wet DCOF (Manufacturer-Declared)	AutoStoneUSA - JLR - workshop ties meet this environment of use!	YES

All AutoStoneUSA workshop and service drive tiles include a Manufacturer-Declared Use classification to inform you of the appropriate environment of use.

JLR Concept Workshop examples with FL-111 (left) and F-110 (right) Workshop Floor Tile 08" x 08"



USA Freight Efficiency and Wood Crate Protection

AutoStoneUSA JLR showroom tiles are Made in the USA. That means guaranteed on-time delivery, no tariff exposure or risk and all materials shipping on fewer trucks to reduce your freight costs further. With AutoStoneUSA, your dealership project will be supported with materials that are ready for you.

AutoStoneUSA showroom materials are Made in the USA and reflect high-quality, exceptional performance, and always available. Exceptional quality is assured with every AutoStoneUSA produced and supplied tile.

At AutoStoneUSA, our commitment to American manufacturing isn't just about national pride — it's about delivering superior quality with efficiency. By producing our tiles domestically, we eliminate the uncertainties of international supply chains, reduce carbon emissions, minimize fossil fuel usage, and ensure timely delivery to your dealership. Our "Quarry 2 Kiln" model emphasizes local sourcing and streamlined logistics, reflecting our dedication to sustainability and excellence.



Large Format Tiles Are in Safe Hands With AutoStoneUSA's Wooden Crate Protection Made for FL-01 48" x 48"

A smarter approach to shipping multiple **JLR FL-01 48" x 48" showroom porcelain tiles** with enhanced protection, double-stack efficiency, and domestic manufacturing advantages.

- Double-stack freight efficiency maximizes truckload capacity
- Lower logistic costs versus importing from Europe
- "Made in USA" production shortens supply chain risk



10-Year JLR Material Warranty

AutoStoneUSA JLR tiles are **100% approved for the JLR Modern Luxury ARCH tile material program** and come with a **10-Year Material Warranty**.

Scan the QR code to view warranty details.



AutoStoneUSA

Technical Specifications (ANSI)

PORCELAIN STONEWARE

According to: ANSI A137.1 (glazed and unglazed porcelain tiles - P1 Class)

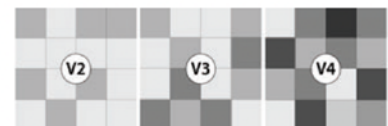


TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES ANSI A137.1 Porcelain Tiles P1 Class	AVERAGE VALUES Unglazed - UGL	
 WATER ABSORPTION	ASTM C373	≤ 0.5%	0.05%	
 BREAKING STRENGTH	ASTM C648	≥ 250 lbf	COMPLIANT	
 DEEP ABRASION RESISTANCE	ASTM C1243	≤ 175 mm ³	145 mm ³ COMPLIANT (Lux)	
 LINEAR THERMAL EXPANSION	ASTM C372	No provision	$\alpha \leq 4.4 \times 10^{-6} \text{ }^{\circ}\text{F}^{-1}$ $\alpha \leq 8 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$	
 CRAZING RESISTANCE	ASTM C424	No alterations	NOT APPLICABLE	
 STAIN RESISTANCE	ASTM C1378	As indicated by manufacturer	A RESISTANT	
 CHEMICAL RESISTANCE (1)	ASTM C650	As indicated by manufacturer	A RESISTANT	
 LEAD AND CADMIUM GIVEN OFF	ASTM C895	No provision	NOT APPLICABLE	
 FROST RESISTANCE	ASTM C1026	As indicated by manufacturer	RESISTANT	
 FLAME SPREAD	ASTM E84	-	CLASS A	
 DIMENSIONS	ASTM C485	EDGE WARPAGE Rectified ± 0.40% or ± 0.05 inch* or ± 1.8 mm** *Whichever is less, for tiles up to 24" (610 mm) on any side **Applies to tiles larger than 24" (610 mm) on any side	Calibrated ± 0.50% or max ± 0.07"	COMPLIANT
	ASTM C485	DIAGONAL WARPAGE Rectified ± 0.40% or max ± 0.07"	Calibrated ± 0.50% or max ± 0.07"	COMPLIANT
	ASTM C499	NOMINAL DIMENSIONS Rectified - 3.0% / +2.0% of nominal dimensions	Calibrated ± 3.0% of nominal dimensions	± 1.5%
	ASTM C499	CALIBER RANGE Rectified ± 0.25% or max ± 0.03"	Calibrated ± 0.50% or max ± 0.08"	COMPLIANT
	ASTM C499	THICKNESS ≤ 0.040"	≤ 0.040"	≤ 0.030 inch
 STF RISK CRITERIA	ASTM C502	WEDGING Rectified ± 0.25% or max ± 0.03"	Calibrated ± 0.50% or max ± 0.08"	COMPLIANT
ENVIRONMENT OF USE				

ENVIRONMENT OF USE

A326.3 2021	Classification	Reference Category	Criteria
4.1.1	Interior, Dry	ID	> 42 dry DCOF* (per Section 10.1)
4.1.2	Interior, Wet	IW	> 42 wet DCOF* (per Section 9.1)
4.1.3	Interior, Wet Plus	IW+	> 50 wet DCOF* (manufacturer declared)
4.1.4	Exterior Wet	EW	> 55 wet DCOF* (manufacturer declared)
4.1.5	Oils/Greases	O/G	> 55 wet DCOF* (manufacturer declared)

Tile Variance Rating (V-Rating):



LIVING
FUTURE

Declare.



LIVING
BUILDING
CHALLENGE



AutoStoneUSA

Technical Specifications (ISO)

Technical Features | Material: Porcelain Stoneware

Standard Compliance: According to ISO 13006-G / EN 14411-G, Group Bla

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES		AVERAGE VALUES
		ISO 13006-G - EN 14411-G Gruppo/Group Bla		Unglazed - UGL
 WATER ABSORPTION	ISO 10545-3	$\leq 0,5\%$		0,05%
 BREAKING STRENGTH (S)	ISO 10545-4	≥ 1300 N		COMPLIANT
 MODULUS OF RUPTURE	ISO 10545-4	≥ 35 N/mm ²		50 N/mm ²
 MECHANICAL REQUIREMENTS CLASS	EN 1339	No provision		U14 (20 mm) (2)
 DEEP ABRASION RESISTANCE	ISO 10545-6	≤ 175 mm ³		145 mm ³ COMPLIANT (Lux)
 LINEAR THERMAL EXPANSION	ISO 10545-8	No provision		$\alpha \leq 7 \times 10^{-6}$ °C ⁻¹
 CRAZING RESISTANCE	ISO 10545-11	No alterations		NOT APPLICABLE
 STAIN RESISTANCE	ISO 10545-14	Classe/Class 3 min.		RESISTANT
 CHEMICAL RESISTANCE (1)	ISO 10545-13			RESISTANT
 LEAD AND CADMIUM GIVEN OFF	ISO 10545-15	No provision		NOT APPLICABLE
 FROST RESISTANCE	ISO 10545-12	No alterations		RESISTANT
 FIRE REACTION	EN 13823 EN 9239-1	CPR (UE) 305/2011 2000/147/CE UNI EN 13501-1		CLASSE/CLASS A1 (wall) CLASSE/CLASS A1 _s (floor)
 THERMAL CONDUCTIVITY	EN 12524	-		$\lambda = 1,3$ W/m ² K $\lambda = 0,7$ Btu/ft h ² F
	ISO 10545-2	LENGTH AND WIDTH	Rectified $\pm 0,3\%$ max ± 1 mm	COMPLIANT
		STRAIGHTNESS OF SIDES	Rectified $\pm 0,3\%$ max $\pm 0,8$ mm	COMPLIANT
		RECTANGULARITY	Rectified / $\pm 0,3\%$ max $\pm 1,5$ mm	COMPLIANT
		FLATNESS	Rectified $\pm 0,4\%$ max $\pm 1,8$ mm	COMPLIANT
		THICKNESS	$\pm 5\%$ max $\pm 0,5$ mm	COMPLIANT



JLR Concept Showroom & Lounge example with
FL-07 Showroom & Lounge Woodplank 08" x 48"



JLR Concept Service Drive example with
FL-09 and FL-10 Service Drive Tile 24" x 48"



JLR Concept Showroom example with
FL-01 Showroom Floor Tile 48" x 48"

AutoStoneUSA

Enviromental & Sustainability

Driving Sustainability Beneath Your Feet

At the intersection of design, durability, and environmental responsibility lies **our porcelain tile flooring** — a sustainable surface solution engineered to meet the premium expectations of Jaguar Land Rover and their dealership network and supporting your global sustainability ambitions.

Circular Manufacturing Process

Our porcelain tiles are made from up to **40% pre-consumer recycled content**, including reclaimed clay, feldspar, and scrap ceramics from the manufacturing process. This reduces raw material extraction and diverts industrial waste from landfills.

Our manufacturing partners utilize **closed-loop water recycling** systems, ensuring nearly zero water waste during production — a key win for water stewardship, especially in drought-prone manufacturing regions.

Low-Carbon Footprint

Our tile manufacturing partners operate using **advanced kiln technology** to cut emissions. Through lifecycle analysis, our porcelain tiles demonstrate a **low embodied carbon**, especially when compared to synthetic or petrochemical-based flooring solutions.

For example, compared to vinyl composition (VCT), porcelain tile can offer up to a **30-40% reduction in lifecycle carbon emissions**.

Durability = Less Replacement = Less Waste

Porcelain tiles have a **lifespan of 50+ years**, requiring minimal maintenance and replacement. Its resistance to wear, chemicals, and moisture makes it ideal for high-traffic areas like showrooms, service bays, and office environments.

Fewer replacements over time means **less environmental impact from disposal and manufacturing** — a clear contributor to circular building practices.

Green Certifications

Our products are:

- GREENGUARD Gold Certified for low chemical emissions.
- Eligible for LEED and BREEAM credits.
- Manufactured in facilities that comply with ISO 14001 Environmental Management Standards

We also offer EPDs (Environmental Product Declarations) and HPDs (Health Product Declarations) to provide full transparency - a crucial value for environmentally conscious global brands like JLR.

Designing for the Future Together

Porcelain tile flooring is more than a design choice — it's a sustainable infrastructure decision. When integrated into JLR's showrooms, offices, or production facilities, it visibly and materially supports your re-imagine strategy: de-carbonizing, modernizing, and elevating every aspect of your brand. **Let's drive forward — from the ground up.**

Only AutoStoneUSA is Made in the USA to support JLR. Only Made in the USA (domestic) manufacturing can meet JLR's sustainability goals. AutoStoneUSA meets and exceeds your carbon footprint, fossil fuel usage, and sustainability goals - and more!