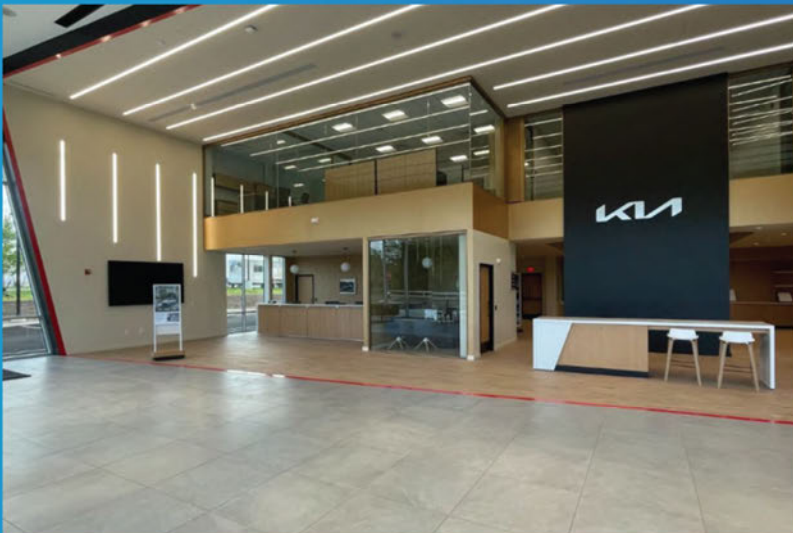


autostone usa



Kia 2.0 America Technical Specifications

Kia Gallery Program
AutoStoneUSA.com/Kia



MADE IN AMERICA

AutoStoneUSA.com

AutoStone Floor Systems, All Rights Reserved.





T-1

Series: Concrete

Color: Smoke

Finish: Natural | Honed

Code: AS.11036373232NH

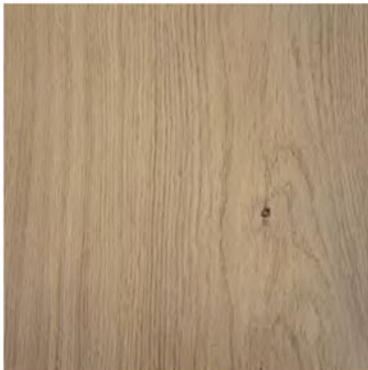
Actual Size: 31.5" x 31.5" x 8 mm (with +/- 1 mm tolerance)

Nominal Size: 32" x 32"



USA
MANUFACTURED

Important installation note for tile contractors: AutoStoneUSA, TCNA, NTCA, ANSI, and Kia 2.0 brand standards require tile installers open multiple boxes of tile prior to installing and "shuffle" tiles to assure a randomized tile pattern when installing.



T-2

Series: Amberwood Plank

Color: Maple Harvest

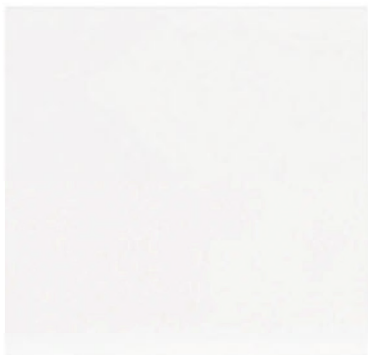
Finish: Natural

Actual Size: 7 15/16" x 48 1/4" x 8 mm (with +/- 1 mm tolerance)

Nominal Size: 8" x 48" (U.S. Nominal Dimensions)



USA
MANUFACTURED



T-3

Series: Station America - A

Color: White

Finish: Matte

Code: ASUSA.25226E.PBA

Actual Size: 3 13/16" x 15 5/8" (with +/- 2 mm tolerance).

Nominal Size: 4" x 16" (U.S. Nominal Dimensions)



USA
STOCKED



T-4

Series: Station America - B

Color: White

Finish: Matte

Code: ASUSA.25237E.PBA

Actual Size: 3 13/16" x 15 5/8" (with + / - 2 mm tolerance).

Nominal Size: 4" x 16" (U.S. Nominal Dimensions)



USA
STOCKED



T-1

Series: Concrete

Color: Smoke

Finish: Natural | Honed
















Code: AS.11036373232NH

Size: 32" x 32" (nominal)

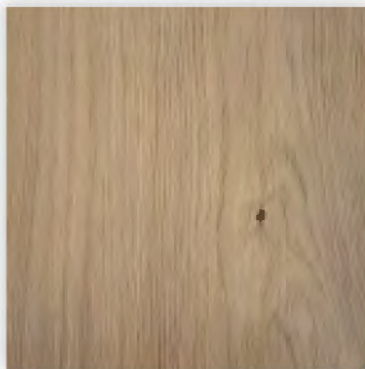


Technical Specifications

This product meets or exceeds all standards described in ANSI A137.1.

	SPECS	TEST METHOD	INDUSTRY STANDARD	AUTOSTONE VALUES	
	WATER ABSORPTION	ASTM C373	≤0.5%	≤0.4%	
	CERTIFIED PORCELAIN TILE <small>0.5% or less water absorption</small>	ASTM C373	0.5%	Meeting the water absorption criteria of the American national standard PTCA	
	SURFACE WEAR RESISTANCE	ANSI A137.1	Surface Wear-resistance properties of glazed vitreous and porcelain tiles.	ALL RESIDENTIAL / COMMERCIAL	
	CHEMICAL RESISTANCE	ASTM C650	A tile sample is placed in continuous contact with a variety of chemicals for 24 hours. No sample must show visible defects.	NOT AFFECTED	
	D.C.O.F. AcuTest®	ANSI A326.3	≥0.42 WET	≥0.42 WET	
	STAIN RESISTANCE	ASTM C1378	Surfaces are exposed to staining agents for 24 hours followed by four cleaning procedures. Results are recorded post cleaning.	NOT AFFECTED	
	BREAKING STRENGTH	ASTM C648	≥250 lbf	8mm ≥300 lbf 10mm ≥400 lbf	
	RESISTANCE TO FREEZE	ASTM C1026	A tile sample is subjected to repeated processes of freezing and thawing. Sample must show no visible defects.	RESISTANT	
	WARPAGE EDGE	ASTM C485	±0.40% or ±0.05 in (±1.8 mm)	± 0.40%	Rectified
	WARPAGE DIAGONAL	ASTM C485	±0.40% or ±0.07 in (±1.8 mm)	± 0.40%	Rectified
	WEDGING	ASTM C502	±0.25% or ±0.03 in (±0.8 mm)	± 0.25%	Rectified
	WARPAGE EDGE	ASTM C485	±0.50% or ±0.07 in (±1.8 mm)	± 0.50%	Calibrated
	WARPAGE DIAGONAL	ASTM C485	±0.50% or ±0.07 in (±1.8 mm)	± 0.50%	Calibrated
	WEDGING	ASTM C502	±0.50% or ±0.08 in (±2.0 mm)	± 0.50%	Calibrated
	THICKNESS	ASTM C499	Range: ± 0.04 in	≤0.04 in	

• Due to the inherent nature of fired porcelain tile, it is important to note that the coefficient of friction may vary within and between product runs.



T-2

Series: Amberwood Plank

Color: Maple Harvest

Finish: Natural

Size: 06" x 32" (nominal)

Size: 08" x 48" (nominal)



Technical Specifications

This product meets or exceeds all standards described in ANSI A137.1.

	SPECS	TEST METHOD	INDUSTRY STANDARD	AUTOSTONE VALUES	
	WATER ABSORPTION	ASTM C373	≤0.5%	≤0.4%	
	CERTIFIED PORCELAIN TILE 0.5% or less water absorption	ASTM C373	0.5%	Meeting the water absorption criteria of the American national standard PTCA	
	SURFACE WEAR RESISTANCE	ANSI A137.1	Surface Wear-resistance properties of glazed vitreous and porcelain tiles.	ALL RESIDENTIAL / COMMERCIAL	
	CHEMICAL RESISTANCE	ASTM C650	A tile sample is placed in continuous contact with a variety of chemicals for 24 hours. No sample must show visible defects.	NOT AFFECTED	
	D.C.O.F. AcuTest®	ANSI A326.3	≥0.42 WET	≥0.42 WET	
	STAIN RESISTANCE	ASTM C1378	Surfaces are exposed to staining agents for 24 hours followed by four cleaning procedures. Results are recorded post cleaning.	NOT AFFECTED	
	BREAKING STRENGTH	ASTM C648	≥250 lbf	8mm ≥300 lbf 10mm ≥400 lbf	
	RESISTANCE TO FREEZE	ASTM C1026	A tile sample is subjected to repeated processes of freezing and thawing. Sample must show no visible defects.	RESISTANT	
	WARPAGE EDGE	ASTM C485	±0.40% or ±0.05 in (±1.8 mm)	± 0.40%	Rectified
	WARPAGE DIAGONAL	ASTM C485	±0.40% or ±0.07 in (±1.8 mm)	± 0.40%	Rectified
	WEDGING	ASTM C502	±0.25% or ±0.03 in (±0.8 mm)	± 0.25%	Rectified
	WARPAGE EDGE	ASTM C485	±0.50% or ±0.07 in (±1.8 mm)	± 0.50%	Calibrated
	WARPAGE DIAGONAL	ASTM C485	±0.50% or ±0.07 in (±1.8 mm)	± 0.50%	Calibrated
	WEDGING	ASTM C502	±0.50% or ±0.08 in (±2.0 mm)	± 0.50%	Calibrated
	THICKNESS	ASTM C499	Range: ± 0.04 in	≤0.04 in	

• Due to the inherent nature of fired porcelain tile, it is important to note that the coefficient of friction may vary within and between product runs.



T-3

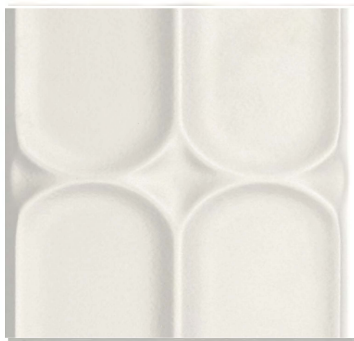
Series: Station America - A

Color: White

Finish: Matte

Code: ASUSA.25226E.PBA

Size: 4" x 16" (U.S. Nominal Dimensions)



T-4

Series: Station America - B

Color: White

Finish: Matte

Code: ASUSA.25237E.PBA

Size: 4" x 16" (U.S. Nominal Dimensions)

Finish	Freeze Resistant	Shade Variation	Color Body	Water Absorption	Stain Resistant	DCOF AcuTest	Chemical Resistant	Mohs Hardness
MATTE	N/A	V1	N/A	≥ 10%	Resistant	N/A	Resistant	5
GLOSSY	N/A	V1	N/A	≥ 10%	Resistant	N/A	Resistant	5

PACKING INFO

Product Size Inches	THICKNESS MM	LBS/ CARTON	PCS/ CARTON	SF/ CARTON	SF/ PALLET	LBS/ PALLET	CARTON/ PALLET
4x16	7.44	23.15	20	8.39	587.30	1,670	70
1/4x8	7.44	2.16	70	N/A	N/A	317.91	124

For reference only.

USAGE INFORMATION

➤ Suitable for commercial and residential wall.

FORMATS



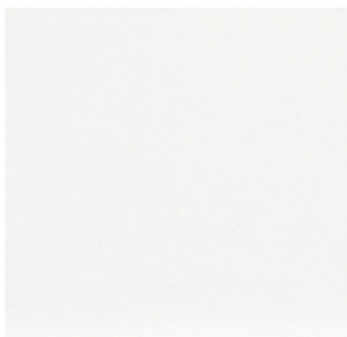
4x16



1/4x8

Application	Residential	Commercial	Industrial
Floors			
Wall & Backsplash	√	√	√
Counters			

*Wall installation only



T-3

Series: Station America - A

Color: White

Finish: Matte

Code: ASUSA.25226E.PBA

Size: 4" x 16" (U.S. Nominal Dimensions)

Note: this is a NEW approved Kia 2.0 T-3 & T-4 tile option by AutoStoneUSA.

This is approved for your Kia project and is to be installed in the vertical direction as shown below.

This is a GREAT and modern look that Kia dealers LOVE. Ask your AutoStone representative for more information.



T-4

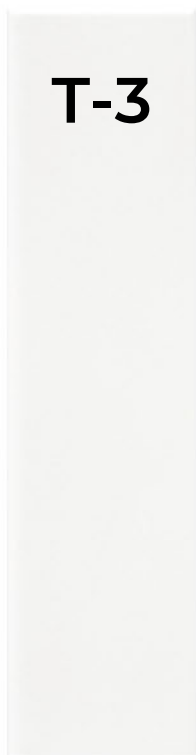
Series: Station America - B

Color: White

Finish: Matte

Code: ASUSA.25237E.PBA

Size: 4" x 16" (U.S. Nominal Dimensions)



DriveSeries8USA

advanced surface technology



Product Use Category 4.1.4 Exterior Wet (EW) & 4.1.5 (O/G)

Evaluate for use in automotive workshop and service drive environments.

4.1.4 (Exterior, Wet) - level outdoor spaces walkways, sidewalks, where such floors may be walked upon when wet (excluding ice or snow) if level, clean, maintained and free of standing water or other contaminants.

4.1.5 (Oils/Greases) - level areas regularly exposed to automotive fluids, etc., so long as such floors are level, regularly cleaned, maintained and free of standing water and contaminant build-up. Consult with your architect to determine dealership practices. Review ANSI A326.3 2021 standard. **DCOF** - Meets and exceeds .55 DCOF rating as required for ANSI A326.3 4.1.4. Exterior Wet and 4.1.5 Oils / Grease.

- Alloy Grey**
Size: 0 " x 0 " x 10 mm
Finish: Super.Grip.3L.BrightFinish
ANSI A362.3 Use Environment:
4.1.3 IW+ (Interior Wet, Pus)
4.1.4 EW (Exterior Wet)
4.1.5 O/G (Oils & Grease)
- Smoke Grey**
Size: 0 " x 0 " x 10 mm
Finish: Super.Grip.3L.BrightFinish
ANSI A362.3 Use Environment:
4.1.3 IW+ (Interior Wet, Pus)
4.1.4 EW (Exterior Wet)
4.1.5 O/G (Oils & Grease)
- Genesis-Carbon Black**
Size: 0 " x 0 " x 10 mm
Finish: Super.Grip.3L.BrightFinish
ANSI A362.3 Use Environment:
4.1.3 IW+ (Interior Wet, Pus)
4.1.4 EW (Exterior Wet)
4.1.5 O/G (Oils & Grease)

SURFACES DIMENSION AND QUALITIES	STANDARDS	RESULT "AutoStone Results"
Sides W 20X20 cm x 10 mm	UNI EN ISO 10545-2	+/- 0,1% +/- 1,5%
Surface qualities: percentage of acceptable tiles per lot	UNI EN ISO 10545-2	> 95%
Straightness of sides	UNI EN ISO 10545-2	+/- 0,0%
Rectangularity	UNI EN ISO 10545-2	+/- 0,1%
Surface flatness: centre curvature	UNI EN ISO 10545-2	+/- 0,2%
Surface flatness: edge curvature	UNI EN ISO 10545-2	+/- 0,1%
Surface flatness: warpage	UNI EN ISO 10545-2	+/- 0,2%
PHYSICAL PROPERTIES		
Water mass absorbed in %	UNI EN ISO 10545-3	0,03
Average breaking load (N)	UNI EN ISO 10545-4	2500
Average <u>moduls</u> of rupture (N/mm2)	UNI EN ISO 10545-4	51
Average breaking strength (N)	UNI EN ISO 10545-4	2458
Abrasion volume (mm3)	UNI EN ISO 10545-6	152
Thermal expansion coefficient	UNI EN ISO 10545-8	6.2 MK ¹
Thermal shock resistance	UNI EN ISO 10545-9	resistant
Frost resistance	UNI EN ISO 10545-12	resistant
Resistance of the colors in the light	DIN 51094	resistant
CHEMICAL PROPERTIES		
Resistance to chemical products	UNI EN ISO 10545-13	resistant
Stain resistance	UNI EN ISO 10545-14	Class 5

Please note that no tile is sli roof. There are many thin s that you should address when you select roducts for your ser ice dri e and ehicle dro off areas, or any and all areas of your dealershi . STF (sli , tri , and fall) risk occur anywhere and e erywhere. There are many thin s that im act your dealershi which can either hel or hinder your ability to mana e this risk. These are thin s that include: facility desi n, rotection from the weather, ro er draina e, dealershi cleanin ractices, dealershi mana ement ractices, access doors, floor slo e and the number of customers you ser ice daily. These are ust a few of the many thin s that must be considered and factored in when you select the roduct you use for your ser ice lane and sho areas. our architect is your rimary resource for assurin that the floors s ecified for all areas of your dealershi are the correct roduct and a lication. They ha e access to most of the necessary items to ro ide you the best or better tool to hel mana e the risk associated with sli and fall accidents. There are no uarantees that eliminate this risk. There are only better ractices and roducts that hel you better mana e these risks.



Alloy Grey

Size: 0 " x 0 " x 10 mm
Finish: BrightFinish
Surface: High Traction
Use: IW+, EW & O/G



Smoke Grey

Size: 0 " x 0 " x 10 mm
Finish: BrightFinish
Surface: High Traction
Use: IW+, EW & O/G


Genesis-Carbon
Black

Size: 0 " x 0 " x 10 mm
Finish: BrightFinish
Surface: High Traction
Use: IW+, EW & O/G



Product Use Category 4.1.4 Exterior Wet (EW) & 4.1.5 (O/G)

Evaluate for use in automotive workshop and service drive environments.

4.1.4 (Exterior, Wet) - level outdoor spaces walkways, sidewalks, where such floors may be walked upon when wet (excluding ice or snow) if level, clean, maintained and free of standing water or other contaminants.

4.1.5 (Oils/Greases) - level areas regularly exposed to automotive fluids, etc., so long as such floors are level, regularly cleaned, maintained and free of standing water and contaminant build-up. Consult with your architect to determine dealership practices. Review ANSI A326.3 2021 standard. **DCOF** - Meets and exceeds .55 DCOF rating as required for ANSI A326.3 4.1.4.

Exterior Wet and 4.1.5 Oils / Grease.

SURFACES DIMENSION AND QUALITIES	STANDARDS	RESULT "AutoStone Results"
Sides W 20X20 cm x 10 mm	UNI EN ISO 10545-2	+/- 0,1% +/- 1,5%
Surface qualities: percentage of acceptable tiles per lot	UNI EN ISO 10545-2	> 95%
Straightness of sides	UNI EN ISO 10545-2	+/- 0,0%
Rectangularity	UNI EN ISO 10545-2	+/- 0,1%
Surface flatness: centre curvature	UNI EN ISO 10545-2	+/- 0,2%
Surface flatness: edge curvature	UNI EN ISO 10545-2	+/- 0,1%
Surface flatness: warpage	UNI EN ISO 10545-2	+/- 0,2%
PHYSICAL PROPERTIES		
Water mass absorbed in %	UNI EN ISO 10545-3	0,03
Average breaking load (N)	UNI EN ISO 10545-4	2500
Average <u>modulus</u> of rupture (N/mm2)	UNI EN ISO 10545-4	51
Average breaking strength (N)	UNI EN ISO 10545-4	2458
Abrasion volume (mm3)	UNI EN ISO 10545-6	152
Thermal expansion coefficient	UNI EN ISO 10545-8	6.2 MK ¹
Thermal shock resistance	UNI EN ISO 10545-9	resistant
Frost resistance	UNI EN ISO 10545-12	resistant
Resistance of the colors in the light	DIN 51094	resistant
CHEMICAL PROPERTIES		
Resistance to chemical products	UNI EN ISO 10545-13	resistant
Stain resistance	UNI EN ISO 10545-14	Class 5

Please note that no tile is slip proof. There are many things that you should address when you select products for your service drive and vehicle drop-off areas, or any and all areas of your dealership. Slip, tripping, and fall risk occur anywhere and everywhere. There are many things that impact your dealership which can either help or hinder your ability to manage this risk. These are things that include: facility design, protection from the weather, proper drainage, dealership cleaning practices, dealership management practices, access doors, floor slope and the number of customers you service daily. These are just a few of the many things that must be considered and factored in when you select the product you use for your service lane and shop areas. Your architect is your primary resource for assuring that the floors specified for all areas of your dealership are

the correct product and a specification. They have access to most of the necessary items to provide you the best or better tool to help manage the risk associated with slip and fall accidents. There are no guarantees that eliminate this risk. There are only better practices and products that help you better manage these risks.

EnviroShop12usa
smarter, better workshops



Alloy Grey

Size: 12" x 12"

Finish: Traction.Brightfinish

Surface: ANSI A326.3 4.1.3

Interior Wet Plus (IW+)



Smoke Grey

Size: 12" x 12"

Finish: Traction.Brightfinish

Surface: ANSI A326.3 4.1.3

Interior Wet Plus (IW+)



Carbon Black

Size: 12" x 12"

Finish: Traction.Brightfinish

Surface: ANSI A326.3 4.1.3

Interior Wet Plus (IW+)

Product Use Category 4.1.3.
Interior, Wet Plus (IW+)

4.1.3 (Interior, Wet Plus) Evaluate for interior use in automotive workshop and service drive environments with high speed doors and tech locker rooms. Enviroshop12USA is medium traction surface. For interior applications, with good drainage. Floors walked on when wet if level, clean, maintained and free of standing water or other contaminants. Should be cleaned with frequent maintenance to keep clean.

DCOF Meets and exceeds .50 DCOF rating as required for ANSI A326 4.1.3 (IW+)

NEW SIZING (2024): 12" x 12" (nominal size*) - 11 5/8" x 11 5/8" (fractional size*). **Actual size:** 295 mm x 295 mm with +/- of 1 mm tolerance.

SURFACES DIMENSION AND QUALITIES	ANSI 326.3:2017 4.1.3 Interior Wet Plus >.50 DCOF STANDARDS	RESULT "AutoStone Results"
Sides W 295 x 295 mm Thickness 9.0 mm	UNI EN ISO 10545-2	+/- 0,1% +/- 1,5%
Surface qualities: percentage of acceptable tiles per lot	UNI EN ISO 10545-2	> 95%
Straightness of sides	UNI EN ISO 10545-2	+/- 0,0%
Rectangularity	UNI EN ISO 10545-2	+/- 0,1%
Surface flatness: centre curvature	UNI EN ISO 10545-2	+/- 0,2%
Surface flatness: edge curvature	UNI EN ISO 10545-2	+/- 0,1%
Surface flatness: warpage	UNI EN ISO 10545-2	+/- 0,2%
PHYSICAL PROPERTIES		
Water mass absorbed in %	UNI EN ISO 10545-3	0,03
Average breaking load (N)	UNI EN ISO 10545-4	2500
Average modulus of rupture (N/mm2)	UNI EN ISO 10545-4	51
Average breaking strength (N)	UNI EN ISO 10545-4	2458
Abrasion volume (mm3)	UNI EN ISO 10545-6	152
Thermal expansion coefficient	UNI EN ISO 10545-8	6.2 MK ⁻¹
Thermal shock resistance	UNI EN ISO 10545-9	resistant
Frost resistance	UNI EN ISO 10545-12	resistant
Resistance of the colors in the light	DIN 51094	resistant
CHEMICAL PROPERTIES		
Resistance to chemical products	UNI EN ISO 10545-13	resistant
Stain resistance	UNI EN ISO 10545-14	Class 5

Please note that no tile is slip proof. There are many things that you should address when you select products for your service drive and vehicle drop-off areas, or any and all areas of your dealership. Slip (slip, trip, and fall) risk occur anywhere and everywhere. There are many things that impact your dealership which can either help or hinder your ability to manage this risk. These are things that include: facility design, protection from the weather, proper drainage, dealership cleanliness practices, dealership management practices, access doors, floor slope and the number of customers you serve daily. These are just a few of the many things that must be considered and factored in when you select the product you use for your service lane and show areas. Your architect is your primary resource for assuring that the floors specified for all areas of your dealership are the correct product and application. They have access to most of the necessary items to provide you the best or better tool to help manage the risk associated with slip and fall accidents. There are no guarantees that eliminate this risk. There are only better practices and products that help you better manage these risks.

DriveSeries12USA

advanced surface technology



Alloy Grey

Size: 12" x 12"

Finish: Traction.Brightfinish Surface:

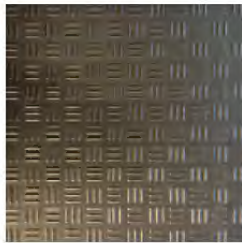
ANSI A326.3 4.1.3 Interior Wet Plus

(IW+).

ANSI A326.3 4.1.4

Exterior Wet (EX)

ANSI A326.3 4.1.5 Oils/Grease (O/G)



Carbon Black

Size: 12" x 12"

Finish: Traction.Brightfinish Surface:

ANSI A326.3 4.1.3 Interior Wet Plus

(IW+).

ANSI A326.3 4.1.4

Exterior Wet (EX)

ANSI A326.3 4.1.5 Oils/Grease (O/G)

Product Use Category 4.1.4 Exterior Wet (EW) & 4.1.5 (O/G)

Evaluate for use in automotive workshop and service drive environments.

4.1.4 (Exterior, Wet) - level outdoor spaces walkways, sidewalks, where such floors may be walked upon when wet (excluding ice or snow) if level, clean, maintained and free of standing water or other contaminants.

4.1.5 (Oils/Greases) - level areas regularly exposed to automotive fluids, etc., so long as such floors are level, regularly cleaned, maintained and free of standing water and contaminant build-up. Consult with your architect to determine dealership practices. Review ANSI A326.3 2021 standard. **DCOF** - Meets and exceeds .55 DCOF rating as required for ANSI A326.3 4.1.4.

Exterior Wet and 4.1.5 Oils / Grease.

SURFACES DIMENSION AND QUALITIES	ANSI A326.3 2022 STANDARDS	> .55 DCOF RESULT "AutoStone Results"
Sides W 29 x 29 cm	UNI EN ISO 10545-2	+/- 0,1% +/- 1,5%
Surface qualities: percentage of acceptable tiles per lot	UNI EN ISO 10545-2	> 95%
Straightness of sides	UNI EN ISO 10545-2	+/- 0,0%
Rectangularity	UNI EN ISO 10545-2	+/- 0,1%
Surface flatness: centre curvature	UNI EN ISO 10545-2	+/- 0,2%
Surface flatness: edge curvature	UNI EN ISO 10545-2	+/- 0,1%
Surface flatness: warpage	UNI EN ISO 10545-2	+/- 0,2%
PHYSICAL PROPERTIES		
Water mass absorbed in %	UNI EN ISO 10545-3	0,03
Average breaking load (N)	UNI EN ISO 10545-4	2500
Average modulus of rupture (N/mm2)	UNI EN ISO 10545-4	51
Average breaking strength (N)	UNI EN ISO 10545-4	2458
Abrasion volume (mm3)	UNI EN ISO 10545-6	152
Thermal expansion coefficient	UNI EN ISO 10545-8	6.2 MK ⁻¹
Thermal shock resistance	UNI EN ISO 10545-9	resistant
Frost resistance	UNI EN ISO 10545-12	resistant
Resistance of the colors in the light	DIN 51094	resistant
CHEMICAL PROPERTIES		
Resistance to chemical products	UNI EN ISO 10545-13	resistant
Stain resistance	UNI EN ISO 10545-14	Class 5

Note: made in the USA!

Please note that no tile is slip proof. There are many thin spots that you should address when you select products for your service drive and vehicle drop-off areas, or any and all areas of your dealership. STF (slip, trip, and fall) risk occur anywhere and everywhere. There are many thin spots that impact your dealership which can either help or hinder your ability to manage this risk. These are thin spots that include: facility design, protection from the weather, proper drainage, dealership cleaning practices, dealership management practices, access doors, floor slope and the number of customers you serve daily. These are just a few of the many thin spots that must be considered and factored in when you select the product you use for your service lane and show areas. Your architect is your primary resource for assuring that the floors specified for all areas of your dealership are the correct product and application. They have access to most of the necessary items to provide you the best or better tool to help manage the risk associated with slip and fall accidents. There are no guarantees that eliminate this risk. There are only better practices and products that help you better manage these risks.

ClinkerShopUSA

Better technology, better performance, American made.

brightfinish
ultra-cleanable technology



Alloy Grey

Size: 0 " x 0 " x 10 mm
Finish: BrightFinish
Surface: High Traction
Use: IW+, EW & O/G



Smoke Grey

Size: 0 " x 0 " x 10 mm
Finish: BrightFinish
Surface: High Traction
Use: IW+, EW & O/G



Genesis-Carbon
Black

Size: 0 " x 0 " x 10 mm
Finish: BrightFinish
Surface: High Traction
Use: IW+, EW & O/G

Product Use Category 4.1.4 Exterior Wet (EW) & 4.1.5 (O/G)

Evaluate for use in automotive workshop and service drive environments.

4.1.4 (Exterior, Wet) - level outdoor spaces walkways, sidewalks, where such floors may be walked upon when wet (excluding ice or snow) if level, clean, maintained and free of standing water or other contaminants.

4.1.5 (Oils/Greases) - level areas regularly exposed to automotive fluids, etc., so long as such floors are level, regularly cleaned, maintained and free of standing water and contaminant build-up. Consult with your architect to determine dealership practices. Review ANSI A326.3 2021 standard. **DCOF** - Meets and exceeds .55 DCOF rating as required for ANSI A326.3 4.1.4. Exterior Wet and 4.1.5 Oils / Grease.

ANSI A326.3 2022 4.1.4 EW & 4.1.5 O/G

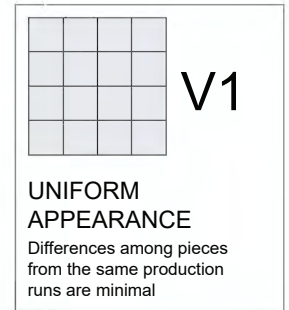
SURFACES DIMENSION AND QUALITIES	STANDARDS	RESULT "AutoStone Results"
Sides W 20X20 cm x 10 mm	UNI EN ISO 10545-2	+/- 0,1% +/- 1,5%
Surface qualities: percentage of acceptable tiles per lot	UNI EN ISO 10545-2	> 95%
Straightness of sides	UNI EN ISO 10545-2	+/- 0,0%
Rectangularity	UNI EN ISO 10545-2	+/- 0,1%
Surface flatness: centre curvature	UNI EN ISO 10545-2	+/- 0,2%
Surface flatness: edge curvature	UNI EN ISO 10545-2	+/- 0,1%
Surface flatness: warpage	UNI EN ISO 10545-2	+/- 0,2%
PHYSICAL PROPERTIES		
Water mass absorbed in %	UNI EN ISO 10545-3	0,03
Average breaking load (N)	UNI EN ISO 10545-4	2500
Average <u>modulus</u> of rupture (N/mm2)	UNI EN ISO 10545-4	51
Average breaking strength (N)	UNI EN ISO 10545-4	2458
Abrasion volume (mm3)	UNI EN ISO 10545-6	152
Thermal expansion coefficient	UNI EN ISO 10545-8	6.2 MK ¹
Thermal shock resistance	UNI EN ISO 10545-9	resistant
Frost resistance	UNI EN ISO 10545-12	resistant
Resistance of the colors in the light	DIN 51094	resistant
CHEMICAL PROPERTIES		
Resistance to chemical products	UNI EN ISO 10545-13	resistant
Stain resistance	UNI EN ISO 10545-14	Class 5

Please note that no tile is slip proof. There are many things that you should address when you select products for your service drive and vehicle drop-off areas, or any and all areas of your dealership. Slip (slip, tripping, and fall) risk occurs anywhere and everywhere. There are many things that impact your dealership which can either help or hinder your ability to manage this risk. These are things that include: facility design, protection from the weather, proper drainage, dealership cleaning practices, dealership management practices, access doors, floor slope and the number of customers you serve daily. These are just a few of the many things that must be considered and factored in when you select the product you use for your service lane and show areas. Your architect is your primary resource for assuring that the floors specified for all areas of your dealership are

the correct product and a specification. They have access to most of the necessary items to provide you the best or better tool to help manage the risk associated with slip and fall accidents. There are no guarantees that eliminate this risk. There are only better practices and products that help you better manage these risks.

Wall Tiles

Series: Premier
Color: Bright White Ice
Finish: Glossy
Size: 3" x 6" or 6" x 6" and 12" x 24"
Product Code (3" x 6"):
WT-1 (Alternate)
Product Code (6" x 6"):
WT-3 (Alternate)
Product Code (12" x 24"):
WT-3 (Alternate)


















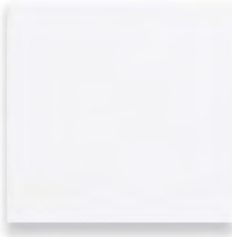
technical specifications

Declared Use: Wall Tile Only - Glazed Surface Wall Tile

TECHNICAL SPECIFICATIONS

This product meets or exceeds all standards described in ANSI A137.1.

	SPECS	TEST METHOD	INDUSTRY STANDARD	AutoStoneUSA Results	
	WATER ABSORPTION	ASTM C373	≤0.5%	≤0.4%	
		ASTM C373	0.5%	Meeting the water absorption criteria of the American national standard PTCA	
	SURFACE WEAR RESISTANCE	ANSI A137.1	Surface Wear-resistance properties of glazed vitreous and porcelain tiles.	ALL RESIDENTIAL / COMMERCIAL	
	CHEMICAL RESISTANCE	ASTM C650	A tile sample is placed in continuous contact with a variety of chemicals for 24 hours. No sample must show visible defects.	NOT AFFECTED	
	STAIN RESISTANCE	ASTM C1378	Surfaces are exposed to staining agents for 24 hours followed by four cleaning procedures. Results are recorded post cleaning.	NOT AFFECTED	
	BREAKING STRENGTH	ASTM C648	≥250 lbf	8mm ≥300 lbf 10mm ≥400 lbf	
	RESISTANCE TO FREEZE	ASTM C1026	A tile sample is subjected to repeated processes of freezing and thawing. Sample must show no visible defects.	RESISTANT	
	WARPAGE EDGE	ASTM C485	±0.40% or ±0.05 in (±1.8 mm)	± 0.40%	Rectified
	WARPAGE DIAGONAL	ASTM C485	±0.40% or ±0.07 in (±1.8 mm)	± 0.40%	Rectified
	WEDGING	ASTM C502	±0.25% or ±0.03 in (±0.8 mm)	± 0.25%	Rectified
	WARPAGE EDGE	ASTM C485	±0.50% or ±0.07 in (±1.8 mm)	± 0.50%	Calibrated
	WARPAGE DIAGONAL	ASTM C485	±0.50% or ±0.07 in (±1.8 mm)	± 0.50%	Calibrated
	WEDGING	ASTM C502	±0.50% or ±0.08 in (±2.0 mm)	± 0.50%	Calibrated
	THICKNESS	ASTM C499	Range: ± 0.04 in	≤0.04 in	



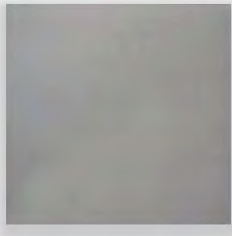
Restroom & Tech Walls

Color: Simply White

Finish: Satin

Nominal Size: 12" x 24" (nominal)

Actual Size: 11 13/16" x 23 10/16"















Color: Stormy Grey

Finish: Glossy

Nominal Size: 12" x 24" (nominal)

Actual Size: 11 13/16" x 23 10/16"

TECHNICAL SPECIFICATIONS

	SPECS	TEST METHOD	INDUSTRY STANDARD	AUTOSTONE VALUES
	WATER ABSORPTION	ASTM C373	≤0.5%	≤0.4%
	CHEMICAL RESISTANCE	ASTM C650	A tile sample is placed in continuous contact with a variety of chemicals for 24 hours. No sample must show visible defects.	NOT AFFECTED
	D.C.O.F. AcuTest®	ANSI A326.3	≥0.42% WET	≥0.42% WET
	STAIN RESISTANCE	ASTM C1378	Surfaces are exposed to staining agents for 24 hours followed by four cleaning procedures. Results are recorded post cleaning.	NOT AFFECTED
	BREAKING STRENGTH	ASTM C648	≥250 lb/ft ²	8mm ≥300 lb/ft ² 10mm ≥400 lb/ft ²
	RESISTANCE TO FREEZE	ASTM C1026	A tile sample is subjected to repeated processes of freezing and thawing. Sample must show no visible defects.	RESISTANT
	WARPAGE EDGE	ASTM C485	Warpage ± 0.4% or ± 0.05 in	≥± 0.4%
	WARPAGE DIAGONAL	ASTM C485	Warpage ± 0.4% or ± 0.07 in	≥± 0.4%
	WARPAGE EDGE	ASTM C485	Warpage ± 0.5% or ± 0.07 in	≥± 0.5%
	WARPAGE DIAGONAL	ASTM C485	Warpage ± 0.5% or ± 0.07 in	≥± 0.5%
	WEDGING	ASTM C502	± 0.25% or ± 0.03 in	≥± 0.25%
	THICKNESS	ASTM C499	Range: ± 0.04 in	≤0.04 in

• Due to the inherent nature of fired porcelain tile, it is important to note that the coefficient of friction may vary within and between product runs.















Service & Tech Restroom Areas Wall Tile

Series: ShopWall!
Color: Granita Grey
Finish: Satin
Size: 8" X 8" U.S. Nominal Dimensions .



Service & Tech Restroom Areas Wall Tile

Series: ShopWall!
Color: Anthracite Grey
Finish: Satin
Size: 8" X 8" U.S. Nominal Dimensions .

	SPECS	TEST METHOD	INDUSTRY STANDARD	AUTOSTONE VALUES
	WATER ABSORPTION	ASTM C373	≤0.5%	≤0.4%
	CHEMICAL RESISTANCE	ASTM C650	A tile sample is placed in continuous contact with a variety of chemicals for 24 hours. No sample must show visible defects.	NOT AFFECTED
	D.C.O.F. AcuTest®	ANSI A326.3	≥0.42% WET	≥0.42% WET
	STAIN RESISTANCE	ASTM C1378	Surfaces are exposed to staining agents for 24 hours followed by four cleaning procedures. Results are recorded post cleaning.	NOT AFFECTED
	BREAKING STRENGTH	ASTM C648	≥250 lb/ft2	8mm ≥300 lb/ft2 10mm ≥400 lb/ft2
	RESISTANCE TO FREEZE	ASTM C1026	A tile sample is subjected to repeated processes of freezing and thawing. Sample must show no visible defects.	RESISTANT
	WARPAGE EDGE	ASTM C485	Warpage ± 0.4% or ± 0.05 in	≥± 0.4%
	WARPAGE DIAGONAL	ASTM C485	Warpage ± 0.4% or ± 0.07 in	≥± 0.4%
	WARPAGE EDGE	ASTM C485	Warpage ± 0.5% or ± 0.07 in	≥± 0.5%
	WARPAGE DIAGONAL	ASTM C485	Warpage ± 0.5% or ± 0.07 in	≥± 0.5%
	WEDGING	ASTM C502	± 0.25% or ± 0.03 in	≥± 0.25%
	THICKNESS	ASTM C499	Range: ± 0.04 in	≤0.04 in

• Due to the inherent nature of fired porcelain tile, it is important to note that the coefficient of friction may vary within and between product runs.

INDUSTRIAL ENVIRONMENT LVT LARGE (18" x 36") FORMAT FLOOR & WALL PANELS

RA3

Great for Parts, Storage Areas, Janitorial, Lunch & Break Rooms, Tech Locker Room Floors & Walls.

Wainscoting for Hallways, WorkShop Areas & All Back-Office Areas.

18" x 36" large format panels with rugged diamond plated surface texture to help reduce STF (slip, trip, and fall) risk.



**SURFACE
CAMOUFLAGE**

Surface Camouflage enhances the beauty of your floor by reducing the negative visual daily contaminants generated during your workday.

RA3 RA4S



**SCRATCH RESISTANT
SURFACE**

Will not dent, scratch, or chip like metal, concrete, epoxy, tile, or other finishes.

RA3 RA4S



**CHEMICAL RESISTANT
SURFACE**

Resistant to water, gasoline, MEK, acetone, motor oil, isopropanol, acetic acid, ammonia, sodium chloride solution, and other chemicals.*

RA3 RA4S



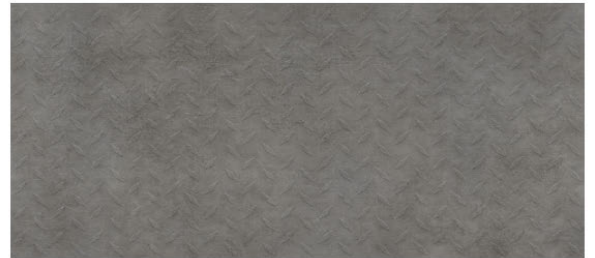
**IMPACT
GUARD SURFACE**

Strong, rugged, and stands up to blunt force impact better than any other surface.

RA3 RA4S



Grey Concrete



Deep Concrete

RA IS RECOMMENDED FOR CLIMATE CONTROLLED ENVIRONMENTS WITH A ROOF, WALL AND DOORS FLOOD SAFE, WATER RESISTANT, + SOUND REDUCTION



CLIMATE-CONTROLLED ENVIRONMENTS

For environments with a temperature room range of 40- and 104-degrees.*

*Check your adhesive manufacturer for use and installation temperature requirements.



**FLOOD SAFE &
WATER RESISTANT**

Panels are moisture-resistant and can be submerged for days and remain bonded.



**LESS NOISE
BETTER CONDITIONS**

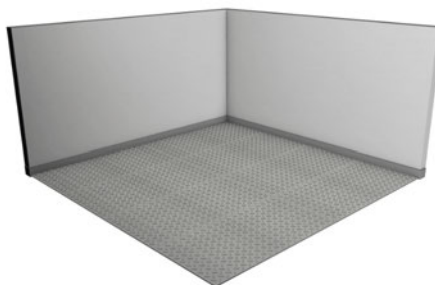
Reduces noise decibels (dB) and improves working conditions.

So easy to install that there is no need for expensive, highly skilled labor.

So fast that you can use immediately upon installation; no cure time required.

Panels are installed edge-to-edge, and wall-to-wall for a seamless, beautiful floor.

Commercial workshops install in 1-2 days (depending on size).



RA3 RA4S

RA3

RA3 PANEL PRICE



Troweled Adhesive Method*

*Troweled adhesive will be added to your quote

Thickness: 3mm

Size: 18" x 36" Panel (4.5 SQFT Per Panel)



Features Included:

- Rated for climate-controlled environments (home garage)
- Surface Camouflage
- Scratch Resistant Surface
- Chemical Resistant Surface
- Impact Guard Surface
- Industrial Strength 30 mil Wear-Layer

The AutoStoneUSA Kia Team



General and immediate online help.
You can find most information including quotes
on our Kia Brand Webpage

Kia Sales Team

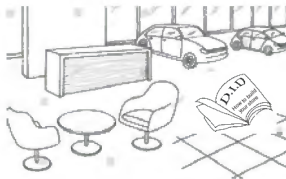
kia@autostoneusa.com

<https://autostoneusa.com/kia/>

214-393-4875 phone



If you are a flooring
contractor and
need pricing



If you are the brand,
brand architect, or
brand CM



If you are a car
dealer



If you are the
GC
builder/contractor



If you are the
AOR
local architect

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