



## Kia 2.0 America Tile Guide

2024.01 Edition

Kia Gallery Program
<a href="AutoStoneUSA.com/Kia">AutoStoneUSA.com/Kia</a>



MADE IN AMERICA STOCKED IN USA









AutoStoneUSA.com

# » Q2KD »

## **QUARRY TO KILN DISTRIBUTION MODEL**



- ♥ Elimination of trans-ocean shipping
- US jobs, shorter supply chain



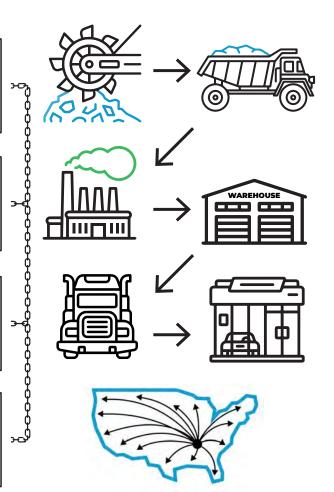
- Less shipping
- Reduced carbon footprint



- Eliminates distribution shipping
- Reduces use of fossil fuel



- Better for the environment
- Saves you money







T-1

**Series:** Concrete **Color:** Smoke

Finish: Natural | Honed Code: AS.11036373232NH Size: 32" x 32" (U.S. Nominal Dimensions)



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

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





### **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)



## 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

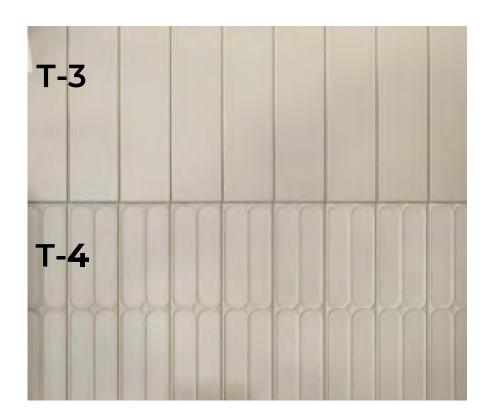
Color: White Finish: Matte

Code: ASUSA.25237E.PBA
Size: 4" x 16" (U.S. Nominal Dimensions)



**T-3** 







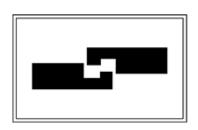
#### LVT-1

Series: LV WoodPlank
Color: Maple Beech
Finish: Natural

Size: 7" x 48" (U.S. Nominal Dimensions)



See LVT Tile Guide for more details!



Click Installation



100% Waterproof



Sound Reduction



No Decay or termites



Heavy Foot Traffic Rated

## LV WOODPLANK AUTOMOTIVE RETAIL COLLECTION

LVT (luxury vinyl tile) | SPC FLOORING

**SIZE:** 7" x 48"

**THICKNESS:** 6.5 MM

WEAR LAYER: 20 MIL | 0.50 MM

**PIECES: 10 PER BOX** 

**COVERAGE:** 23.22 SQ FT / BOX | 2.16 M<sup>2</sup> / BOX

**INTERLOCK:** UNLIN® CLICK SYSTEM

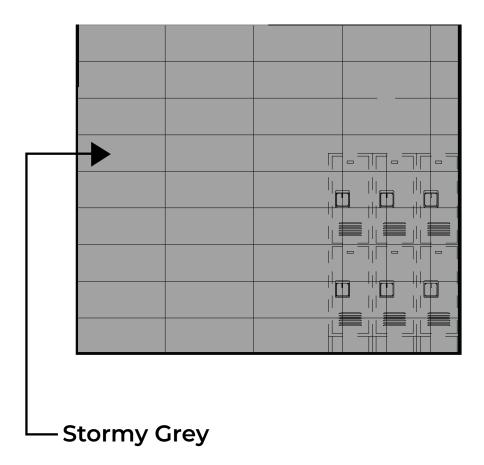


## T-5 Tech Locker Walls

Series: *Shop* Walls!
Color: Stormy Grey
Finish: Glossy

Surface: Medium Traction
Size: 12" x 24" (U.S. Nominal Dimensions)







## **Workshop & Service Floor Tile**

Code: T-6

Series: DriveSeriesUSA

Color: Alloy Grey

Finish: traction | brightfinish

Size: 8" X 8" U.S. Nominal Dimensions





**MADE IN USA** 



## **Workshop & Service Floor Tile**

Code: T-7

Series: DriveSeriesUSA

Color: Genesis Black

Finish: traction | brightfinish

Size: 8" x 8" u.s. Nominal Dimensions





**MADE IN USA** 



## Workshop & Service Wall Tile

Code: T-6

Series: eShop2USA

Color: Alloy Grey

Finish: Textured | brightfinish

Size: 8" X 8" U.S. Nominal Dimensions







**MADE IN USA** 



## **Workshop & Service Floor Tile**

Code: T-

Series: eShop2USA Color: Genesis Black

Finish: Textured

Size: 8" x 8" u.s. Nominal Dimensions









**MADE IN USA** 



## T-6 Alloy Grey

Series: Driveseries Color: Alloy Grey

Finish: Brightfinish | R12 Textured

Surface: High Traction Size: 12" x 12" (U.S. Nominal Dimensions)







## **T-7 Carbon Black**

**Series:** Driveseries Color: Carbon Grey

Finish: Brightfinish | R12 Textured

Surface: High Traction Size: 12" x 12" (U.S. Nominal Dimensions)







#### Manufactured Declared Uses

4.1.4 (Exterior, Wet) - level outdoor spaces walkways, sidewalks, where such floors may be walked upon when wet (excluding ice orshow) if level clean, maintained and free of standing water or other contaminants. 4.1.5 (Oils/Greases) - leve 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.

Evaluate for use in automotive workshop and service crive environments,

#### Declared Product Use & DCOF Requirement

Meets and exceeds 55 DCOF rating as required for ANSI A3263 4.13 Exterior Wet.



## T-6 Alloy Grey

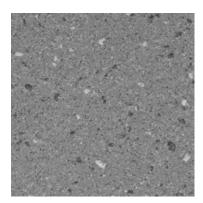
Series: Enviroshop Color: Alloy Grey

Finish: Brightfinish | Textured Surface: Medium Traction Size: 12" x 12" (U.S. Nominal Dimensions)









## T-6 Smoke Grey

Series: Enviroshop Color: Smoke Grey

Finish: Brightfinish | Textured Surface: Medium Traction Size: 12" x 12" (U.S. Nominal Dimensions)





**USA** MANUFACTURED







## **T-7 Carbon Black**

Series: Enviroshop Color: Carbon Black

Finish: Brightfinish | Textured Surface: Medium Traction Size: 12" x 12" (U.S. Nominal Dimensions)









#### Manufacturer

AutoStone Floor Systems

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

Evaluate for interior use in automotive workshop and service drive environments with high speed doors and tech locker rooms. Enviroshop is medium traction surface. For interior applications, with good drainage. Floors walked on when wet should be 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+)

#### **Advantages**

- Advanced surface technology to better manage STF (slip, trip & fall) risk.
- 2. Surface has repeating lines elevated above the bed of the tile. Designed for greater foot, shoe-sole traction.
- 3. Will not permanently stain or darken when properly cleaned.

#### **Manufactured Declared Uses**

Evaluate for use in automotive workshop and service drive environments. Approved for use for all described environments below:

- **4.1.1 (Interior, Dry)** hard surface flooring not intended to be walked upon when wet shall have a dry DCOF value of 0.42\*
- **4.1.2 (Interior, Wet)** hard surface flooring not intended to be walked upon when wet shall have a dry DCOF value of 0.42\*
- **4.1.3 (Interior, Wet Plus)** examples of environments are: public showers, interior pool decks, locker rooms, covered exterior areas, steam rooms, "front of the house" applications in restaurants with an open kitchen, and in "front of the house" applications in quick service, fast-casual, and self-service restaurants, food areas in gas stations, and other similar areas where floors may be walked upon when wet if clean, maintained, and free of standing water or other contaminants.hard surface flooring not intended to be walked upon when wet shall have a dry DCOF value of 0.50\*
- **4.1.4 (Exterior, Wet)** level outdoor spaces walkways, sidewalks, where such floors may be walked upon when wet (excluding ice or show) 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.**

#### **Declared Product Use & DCOF Requirement**

Meets and exceeds .55 DCOF rating as required for ANSI A326.3 4.1.3 Exterior Wet.

#### Description

A permanent enhanced porcelain technology floor system. Elevated traction provides a better surface to manage STF (slip, trip, and fall) risk in your automotive service drive, workshop and tech locker room shower areas. See declared uses below. Should be cleaned with frequent maintenance to keep clean and free of contamination and debris when dealership is operating. Spot spills should be removed immediately and not left on surface. Floor cleaning should include use of de-greasing chemical, floor scrubber sweeper machine with wet vacuum to suck-up dirty water and debris as part of cleaning process.

#### **Culture of Clean**

See recommended cleaning practices in AutoStone "Culture of Clean" Guidebook.

## DriveSeriesUSA & eShop2USA - Brightfinish







### **Brightfinish Ultra-Cleanable Technology**

Brightfinish is a permanent sealant baked-in during kiln-firing process. The Brightfinish permanent sealant aids dealership with their cleaning practices by sealing surface micropores which trap and hold-on to rubber transfer, grease, oil or other contaminants.

### **Enhanced Impervious Surface Technology**

An impervious tile is the highest performance standard in the porcelain tile industry. The definition of an impervious tile is a surface that absorbs moisture between 0.5% to 0.001%. At AutoStone, we think that 0.5% is too much absorbency, and in an automotive dealership will cause tiles to absorb oil, grease, petroleum, gasoline and other contaminants. When this happens, your tile surface will darken over use and this leads to potential hazards such as STF (slip, trip and fall) events. Petroleum and oils soaked surfaces can pose other hazards when not properly removed with regularly scheduled and proper cleaning practices. With the addition of our brightfinish we enhance our impervious tiles and reduce their absorbency to levels at the lowest end of the spectrum (0.001% or less). This means nothing is absorbed by an AutoStone workshop or service drive floor tile. AutoStone workshop floor systems are premium floor systems which are designed to resist staining and be easier to clean.

#### Limitations

Surface is a non-vitreous (impervious) enhanced porcelain tile. Oil, grease and all contaminants will remain on surface until properly cleaned and removed.

Not for use in carwash areas where high volume water and/or high pressure water systems are used.



#### **ANSI A326.3**

# American National Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials—2021

#### Introduction

This introduction is not part of the American National Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials, ANSI A326.3.

The dynamic coefficient of friction (DCOF) measurement provided in this standard is an evaluation of a hard surface flooring material under known conditions using a standardized testfoot material prepared according to a specific protocol. As such, it can provide a useful comparison of surfaces, but it does not predict the likelihood a person will or will not slip on a hard surface flooring material.

#### 4.1.4 - Exterior, Wet (EW) -

describes service drive & workshop environments with:

- \* roof.
- \* (4) walls.
- \* roll-up doors (California Bay)
- \* No doors.

#### AutoStoneUSA shop floor series:

driveseries - is rated for Exterior, Wet Plus (EW) - see environment for use.



Note: DCOF rating is > .55

AutoStone driveseries is the only industrial tile with brightfinish, a permanent sealant, baked-in during manufacturing retards permanent staining and aids dealership cleaning practices.

This is a critical function as having a high-rated DCOF that is difficult to clean results in degradation of DCOF values as oils, grease, rubber transfer and other elements embed in the tile surface, darkening the tile because it is difficult to clean.

Later, moisture reactivates the embedded chemicals which decrease the DCOF rating and the floor becomes slippery and poses STF risk to dealership operations.

**4.1.4 Exterior, Wet:** See Section 3.4. Product shall be manufacturer-declared for this category based on manufacturing parameters, internal quality control criteria, and manufacturer experience with similar surfaces. Attributes to consider include, but are not limited to, product size, texture, structure, and additionally in wet applications, drainage. Products meeting Exterior, Wet criteria may require frequent maintenance to keep clean.

#### INFORMATIVE NOTE:

Possible Areas of Use: Subject to determination by specifier and the criteria in this standard, may include, but are not limited to, level outdoor living spaces including pool decks, walkways, patios, and 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.

**NFORMATIVE NOTE:** In the absence of superseding manufacturer-declared product use classification, excepting where measured DCOF is lower due to the impact of structure on the DCOF measurement, it is generally accepted that hard surface flooring in this category should have at least a minimum wet DCOF value of 0.55\*, with factors other than wet DCOF also taken into consideration. Such factors include, but are not limited to, expected contaminants, drainage, surface structure, effect of structure on the DCOF measurement, number of grout joints (see Informative Note in Section 9.1.7), traction-enhancing features, and intended use, in addition to the other criteria in this standard. As the suitability of the installed hard surface flooring depends significantly on such fa ctors, a single normative DCOF limit value is not provided.

**NOTE:** Exterior, Wet labeling does not refer to frost resistance. For ceramic tile, refer to ANSI A137.1 for frost resistance criteria.

4.1.5



4.1.5 - Oils/Greases (O/G) - \_describes service drive, workshops, oil & lube change environments with:

- \* roof.
- \* (4) walls.
- \* high-speed doors.
- \* roll-up doors.
- \* no doors.

See other requirements for site conditions for a tile product to be used

AutoStoneUSA shop floor series:



driveseries - is rated for Oils/Greases

(O/G) - see environment for use.

Note: DCOF rating is > .55

Automotive workshops, oil & lube changing and other environments with exposure to grease, oil and such are subject to this standard.

Only driveseries by AutoStone meets these new ANSI declared used standards.

**Oils/Greases:** See Section 3.4. Product shall be manufacturer-declared for this category where oil, grease, and/or fats may be present, based on manufacturing parameters, internal quality control criteria, and manufacturer experience with similar surfaces. Attributes to consider include, but are not limited to, product size, texture, structure, and drainage. Products meeting Oils/Greases criteria may require frequent maintenance to keep clean.

#### INFORMATIVE NOTE:

Possible Areas of Use: Subject to determination by specifier and the criteria in this standard, may include, but are not limited to, level areas regularly exposed to automotive fluids, "back of the house" fast food or family style restaurants, food prepar ation areas with grills or deep-fry equipment, and any area where oil, grease, and/or fats may be present so long as such floors are level, regularly cleaned, maintained, and free of standing water and contaminant build-up.

**INFORMATIVE NOTE:** In the absence of superseding manufacturer-declared product use classification, excepting where measured DCOF is lower due to the impact of structure on the DCOF measurement, it is generally accepted that hard surface flooring in this category should have at least a minimum wet DCOF value of 0.55\*, with factors other than wet DCOF also takentinconsideration. Such factors include, but are not limited to, expected contaminants, drainage, surface structure, effect of structure on the DCOF measurement, number of grout joints (see Informative Note in Section 9.1.7), traction-enhancing features, and intended use, in addition to the other criteria in this standard. As the suitability of the installed hard surface flooring depends significantly on such factors, a single normative DCOF limit value is not provided.

**Table 1: Product Use Classification** 

Classification	Reference Category	Criteria
Interior, Dry	ID	≥ 0.42 dry DCOF* (per Section 10.1)
Interior, Wet	IW	≥ 0.42 wet DCOF* (per Section 9.1) or Manufacturer-Declared
Interior, Wet Plus	IW+	Manufacturer-Declared
Exterior, Wet	EW	Manufacturer-Declared
Oils/Greases	O/G	Manufacturer-Declared



#### **ANSI A326.3**

# American National Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials—2021

#### Introduction

This introduction is not part of the American National Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials, ANSI A326.3.

The dynamic coefficient of friction (DCOF) measurement provided in this standard is an evaluation of a hard surface flooring material under known conditions using a standardized testfoot material prepared according to a specific protocol. As such, it can provide a useful comparison of surfaces, but it does not predict the likelihood a person will or will not slip on a hard surface flooring material.

#### 4.1.4 - Exterior, Wet (EW) -

describes service drive & workshop environments with:

- \* roof.
- \* (4) walls.
- \* roll-up doors (California Bay)
- \* No doors.

#### AutoStoneUSA shop floor series:

driveseries - is rated for Exterior, Wet Plus (EW) - see environment for use.



eshop2usa
better technology, better results

Note: DCOF rating is > .55

AutoStone driveseries is the only industrial tile with brightfinish, a permanent sealant, baked-in during manufacturing retards permanent staining and aids dealership cleaning practices.

This is a critical function as having a high-rated DCOF that is difficult to clean results in degradation of DCOF values as oils, grease, rubber transfer and other elements embed in the tile surface, darkening the tile because it is difficult to clean.

Later, moisture reactivates the embedded chemicals which decrease the DCOF rating and the floor becomes slippery and poses STF risk to dealership operations.

**4.1.4 Exterior, Wet:** See Section 3.4. Product shall be manufacturer-declared for this category based on manufacturing parameters, internal quality control criteria, and manufacturer experience with similar surfaces. Attributes to consider include, but are not limited to, product size, texture, structure, and additionally in wet applications, drainage. Products meeting Exterior, Wet criteria may require frequent maintenance to keep clean.

#### INFORMATIVE NOTE:

Possible Areas of Use: Subject to determination by specifier and the criteria in this standard, may include, but are not limited to, level outdoor living spaces including pool decks, walkways, patios, and 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.

**NFORMATIVE NOTE:** In the absence of superseding manufacturer-declared product use classification, excepting where measured DCOF is lower due to the impact of structure on the DCOF measurement, it is generally accepted that hard surface flooring in this category should have at least a minimum wet DCOF value of 0.55\*, with factors other than wet DCOF also taken into consideration. Such factors include, but are not limited to, expected contaminants, drainage, surface structure, effect of structure on the DCOF measurement, number of grout joints (see Informative Note in Section 9.1.7), traction-enhancing features, and intended use, in addition to the other criteria in this standard. As the suitability of the installed hard surface flooring depends significantly on such fa ctors, a single normative DCOF limit value is not provided.

**NOTE:** Exterior, Wet labeling does not refer to frost resistance. For ceramic tile, refer to ANSI A137.1 for frost resistance criteria.



4.1.5 - Oils/Greases (O/G) - describes service drive, workshops, oil & lube change environments with:

- \* roof.
- \* (4) walls.
- \* high-speed doors.
- \* roll-up doors.
- \* no doors.

See other requirements for site conditions for a tile product to be used.

AutoStoneUSA shop floor series:





driveseries - is rated for Oils/Greases

(O/G) - see environment for use.

Note: DCOF rating is > .55

Automotive workshops, oil & lube changing and other environments with exposure to grease, oil and such are subject to this standard.

Only driveseries by AutoStone meets these new ANSI declared used standards.

4.1.5

**Oils/Greases:** See Section 3.4. Product shall be manufacturer-declared for this category where oil, grease, and/or fats may be present, based on manufacturing parameters, internal quality control criteria, and manufacturer experience with similar surfaces. Attributes to consider include, but are not limited to, product size, texture, structure, and drainage. Products meeting Oils/Greases criteria may require frequent maintenance to keep clean.

#### INFORMATIVE NOTE:

Possible Areas of Use: Subject to determination by specifier and the criteria in this standard, may include, but are not limited to, level areas regularly exposed to automotive fluids, "back of the house" fast food or family style restaurants, food prepar ation areas with grills or deep-fry equipment, and any area where oil, grease, and/or fats may be present so long as such floors are level, regularly cleaned, maintained, and free of standing water and contaminant build-up.

**INFORMATIVE NOTE:** In the absence of superseding manufacturer-declared product use classification, excepting where measured DCOF is lower due to the impact of structure on the DCOF measurement, it is generally accepted that hard surface flooring in this category should have at least a minimum wet DCOF value of 0.55\*, with factors other than wet DCOF also takentinconsideration. Such factors include, but are not limited to, expected contaminants, drainage, surface structure, effect of structure on the DCOF measurement, number of grout joints (see Informative Note in Section 9.1.7), traction-enhancing features, and intended use, in addition to the other criteria in this standard. As the suitability of the installed hard surface flooring depends significantly on such factors, a single normative DCOF limit value is not provided.

**Table 1: Product Use Classification** 

Classification	Reference Category	Criteria
Interior, Dry	ID	≥ 0.42 dry DCOF* (per Section 10.1)
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Interior, Wet Plus	IW+	Manufacturer-Declared
Exterior, Wet	EW	Manufacturer-Declared
Oils/Greases	O/G	Manufacturer-Declared

# enviroshop

smarter, better, workshops



Brightfinish is a permanent sealant applied during manufacturing process which seals tile surface to resist staining. Additionally, brightfinish aids cleaning practices so floors can be kept in a "like-new" condition for the life of the dealership with regularly scheduled and proper cleaning practices.





better technology, better results



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

**4.1.3 Interior, Wet Plus (IW+)** Evaluate for interior use in automotive workshop and service drive environments with high speed doors and tech locker rooms. Enviroshop 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+)

## 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 reguarly exposed to automotive fluids, etc., so long as such floors are level, reguarly 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.

## Recommendations

Surface is a non-vitreous (impervious) enhanced porcelain tile. Oil, grease and all contaminants will remain on surface until properly cleaned. Floors should be cleaned with frequent maintenance to keep clean and free of contamination and debris when dealership is operating. To best manage STF (slip, trip, and fall) risk, spills and chemicals should be spot cleaned immediately and not left on surface. Floor cleaning should include use of de-greasing chemical, floor scrubber sweeper machine with wet vacuum to suck-up dirty water and debris as part of cleaning process.

For specific use applications, please consult with your architect or builder, or contact AutoStone USA with questions.

## Thinset Installation Method (For Floor Tiles)

- Thinset mortar installation minimum. ANSI A118.4 (polymer modified). Recommended 100% coverage for tile.
- Grout to be a high-performance system with stain resistant properties. Installation to be 1/8" to 3/16" width.
- Grout specification minimum: ANSI A118.7.
- See AutoStone supplied setting materials for actual product codes and grout color.

## **AutoStoneUSA Support**

AutoStone has a team that supports your Kia project. If your call is not answered immediately, you will receieve a return call no later than one business day. All emails are monitored and will be responded to quickly. We are here to support your project!

#### Installation

AutoStone offers a tile materials defect warranty. AutoStone offers an installation warranty when warranty services are contracted through AutoStone. Length of Warranty is dependent upon contracted term. AutoStone does not offer any warranty of any kind when a third-party installer is involved except the tile materials defect warranty. AutoStone has put together a unique package of products with Laticrete to provide contractors a 10 year warranty from Laticrete, when you purchase the correct materials directly through AutoStone. See Warranties on our website for specifics.



See AutoStone recommended 09300 specifications for thinset standards on concrete substrate and AutoStone recommended installation standards.

## **Kia Brand Page**

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