Product Overview

AVA REVV and VEXX are premium, commercial grade sheet vinyl products. REVV features a full line of popular, embossed in register wood looks, while VEXX is comprised of unique organic patterns, both providing a wide range of beautiful flooring options for all applications. REVV and VEXX are constructed with a durable wear layer and topped with a our proprietary AMP polyurethane coating, making it an ideal flooring product for healthcare, education, retail spaces, hospitality and a variety of other commercial environments. REVV and VEXX are the perfect long term solution for heavy traffic areas, including areas with heavy rolling loads. REVV and VEXX are FloorScore certified, REACH compliant and have published Health Product Declaration (HPDs) and UL Certified Environmental Product Declaration (EPDs), making it a sustainable product selection in the sheet vinyl category.

Product Information

Overall Thickness:	**2.3mm**
Wear Layer Thickness:	**22 mil (0.55 mm)**
Product Type:	**Heterogeneous Sheet Vinyl (SV)**
Dimensions:	**6.56' x 65.6'**
Finish:	**AMP Polyurethane Coating**
Surface - REVV:	**Embossed In Register**
Surface - VEXX:	**Smooth**
Residential Warranty:	**Lifetime**
Heavy Commercial Warranty:	**12 Years**
Roll Quantity:	**47.84 sq. yd. (430.5 sq. ft.)**
Roll Weight:	**322 lbs.**
Rolls / Pallet:	**6 Rolls (287.04 sq. yd.)**
Pallet Weight:	**2,007 lbs.**

Technical Information

ASTM F1303 - Sheet Vinyl With Backing:	**Type I, Grade I, Class B**
ASTM F410 - Wear Layer Thickness:	**Passes, ≥ 0.51 mm**
ASTM F1914 - Residual Indentation:	**Passes, ≤ 0.31 mm**
ASTM F137 - Flexibility:	**Passes, 6.4 mm mandrel**
ASTM F2199 - Dimensional Stability:	**Passes, ± 0.13 mm**
ASTM F925 - Chemical Resistance:	**Passes ASTM F1303 requirements**
ASTM F1514 - Resistance to Heat:	**Passes, < ΔE 8**
ASTM F1515 - Resistance to Light:	**Passes, < ΔE 8**
ASTM F970 - Static Load (Modified):	**≤ 0.13 mm indent, 250 lbs.**
ASTM E648 (NFPA 253) - Critical Radiant Flux:	**Class 1, > 0.45 W/cm^2**
ASTM E662 (NFPA 258) - Smoke Density:	**Passes, < 450**
ASTM D2047 / UL 410 - Slip Resistance:	**> 0.5 SCOF (no ramps)**

Disclaimer: These test results were independently tested, using material from standard production, in accordance with product-specific standard test methods. Physical and performance testing may vary, within tolerances, depending on the testing apparatus and/or production lot used. Be sure to use the most recently published versions of all reference documents, specifications and test methods. To purchase the most recent version of the above mentioned ASTM or ISO standards, please visit www.astm.org. or www.iso.org, respectively. Test reports are available upon request.

1. GENERAL INFORMATION

Silicone Caulk

Matching 100% silicone caulk is available for all REVV and VEXX colors. For more information, contact a sales agent or e-mail **sales@avaflor.com** for more information.

Heat-Weld Rod

Matching 5mm vinyl heat-weld rod is available for all REVV and VEXX colors. For more information, contact a sales agent or e-mail **sales@avaflor.com** for more information.

Sales & Technical Support

AVA products are sold through a nationwide network of sales agents. For information about who to contact in your area, please contact **sales@AVAflor.com**. Additional technical resources and documents are available online at **AVAflor.com**. For additional technical support, contact **support@AVAflor.com**.

Limitations

Acceptable concrete substrates must have an effective vapor retarder that is compliant with ASTM E1745 installed directly beneath the slab and, depending on the adhesive in use, must be tested following the protocol of ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes or ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride. The optimal operating temperature for use is between 40°F to 90°F (4°C to 32°C). Avoid prolonged exposure to direct sunlight or other heat sources where temperatures will exceed 90°F (32°C), as discoloration, deformation or damage may occur.

Do not install in areas that may be subjected to sharp, pointed objects, such as stiletto heels, cleats or spikes. Do not allow product to be directly exposed to extreme heat sources, such as self-cleaning ovens or other high-heat equipment. Do not install outdoors or in areas that may be exposed to repeated and sustained UV/IR rays, as product may fade, discolor or experience excessive movement. Refer to the Material Usage Guide and, if applicable, the Wet Areas technical bulletin for a full list of acceptable areas and information about approved areas of use. Do not use rubber tires, casters or rubber-backed walk-off mats directly on the flooring surface, as permanent staining may occur.

Receiving Material & Storage

Remove all plastic and strapping from product after delivery and store rolls **upright** with the cap end down, in order to prevent compression and distortion. Ensure rolls are stored safely and securely to avoid damage and injury. Confirm that the flooring product color, style, quantity and lot numbers are all correct. Carefully check all materials for shipping damage and note all damage on the bill of lading before accepting the delivery. Material accepted with visible shipping damage that is not reported on the bill of lading is not covered under warranty. Ensure that the adhesive intended for installation is approved for use with the flooring product. The floor covering, adhesive and accessories must be stored in dry indoors conditions between 40°F to 90°F (4°C to 32°C). Do not store outside (even in containers) and do not stack pallets. Deliver all materials to the installation location in its original packaging with labels intact.

Recommended Tool List

- Appropriate Personal Protective Equipment (PPE)
  - Safety Glasses, Cut-Resistant Gloves, Suitable Dust Mask, etc.
- Appropriate Tools & Machinery for Substrate Preparation
  - Floor Buffer, Grinder, Floor Scraper, etc.
- HEPA-Filtered Vacuum
- 6-ft. and 1-ft. Straight Edge or Level with two quarters (U.S. coins)
- Tape Measure
- Pencil
- Utility Knife with New Blades
- Hinge Scribe or Selvedge Edge Trimmer
- Chalk Marking Line
- Adhesive Trowel and Blades
  - 1/16-in. x 3/32-in. x 1/16-in. U-notch (AVF)
- 100 lb. Three Section Roller
- Oscillating Multi-Tool or hand saw (for door jambs)
- Electric Groover or Hand Groover
- Hot Air Heat Welding Gun (650° F)
- Quarter-Moon Spatula Knife & Trim Plate or Mozart Trimming Knife with 0.7- mm spacer
- Non-Contact Infrared Thermometer
- Knee Pads

Approved Adhesive Information

The following adhesives are approved for use with AVA REVV and VEXX:

- **Novalis NV-GLU Acrylic Adhesive**
- **Gold Series MA 2000 Spray Adhesive**
- **Gold Series MW 3012 MS Adhesive**

For details regarding concrete moisture requirements, please see Section 2. **Labor costs associated with materials installed with an unapproved adhesive will not be covered under warranty.**

Warning

All local, state, and federal regulations must be followed; this includes the removal of in-place asbestos flooring and adhesive, as well as any lead-containing materials. The Occupational Safety and Health Administration (OSHA) has exposure limits for people exposed to respirable crystalline silica; this requirement must be followed. Do not use solvent or citrus-based adhesive removers. When appropriate, follow the Resilient Floor Covering Institute's (RFCI) Recommended Work Practice for Removal of Existing Floor Covering and Adhesive. Always wear safety glasses and use respiratory protection or other safeguards to avoid inhaling any dust. The label, installation, and maintenance instructions along with the technical data sheet, limited warranty and any appropriate Safety Data Sheet (SDS) of all products must be read, understood, and followed prior to installation. Do not leave spills unattended - wipe up promptly, and allow the floor covering to dry before trafficking.

Documentation

Record and/or photograph the site conditions, test results, and any corrective measures taken. All relevant pre-installation documentation, as well original product invoices and associated shop drawings or project information, should be stored for the entire warranty period.

Site Conditions & Acclimation

The area must be fully enclosed and weathertight. During the installation, any direct sunlight should be blocked using window treatments or other protection. Use permanent or temporary HVAC system to control the site conditions. The temperature for the installation must match the temperature when the product will be in use (in-service temperature) and be constant (± 5°F). In addition, ambient temperatures must be between 60°F (16°C) and 80°F (27°C) for ≥ 48-hours before, during and after the installation. The ambient relative humidity must be between 35% and 65% and ≥ 10°F above dew point (dew point calculators are available on the internet), or adhesive working and/or curing times will be severely affected. For any project that does not meet these requirements, please contact the technical department before installation.

Flooring acclimation is not required when the Receiving Material & Storage requirements and the Site Conditions & Acclimation requirements are both met. If these conditions cannot be met, installation cannot proceed until the ambient temperature and humidity conditions are within the acceptable range and the flooring material is within the acceptable ambient temperature range (± 2°F) when measured with a non-contact infrared (IR) thermometer.

To ensure that temperature conditions are maintained throughout installation, a wireless, cloud-based environmental condition monitoring system may be used to check site conditions when the site is unoccupied.

2. SUBSTRATE PREPARATION

General Substrate Guidelines

Ensure all substrate and subfloor preparation has been performed, read and/or understood by all interested parties. Do not proceed with installation until all conditions have been met. Ensure the substrate is clean, dry, flat, structurally sound and suitably prepared according to these instructions prior to installation, as manufacturer is not responsible for problems related to substrates or subfloors that have not been properly prepared. All substrates must be free of visible water or moisture, dust, residual adhesives and adhesive removers, solvents, wax, oil, grease, asphalt, visible alkaline salts or excessive efflorescence, mold, mildew and all other extraneous coating, film, material or foreign matter. Substrate and/or subfloor deflection, movement, or instability may cause issues with the flooring installation – these are not covered under warranty.

Flatness Guidelines

Check all substrates for flatness prior to installation. It is recommended that all substrates have a floor flatness of FF32 and/or have a maximum deviation of < 1/8-in. gap (2 x US quarters should not slide underneath) within 6-ft. and ≤ 1/16-in. gap (1 x US quarter should not slide underneath) within 1-ft.. Substrates that do not meet this requirement should be corrected appropriately prior to installation. Failure to follow this recommendation must be pre-agreed upon with customer / end-user before installation begins.

Concrete Substrate Requirements

All concrete must be at least 28-days old, free of contaminates and structurally sound. If required, flatten and/or smooth the surface using a suitable, moisture-resistant, commercial-grade leveling or patching compound, following the product instructions. Do not install if water or hydrostatic pressure is visible, present or suspected. If a chemical adhesive remover has been used, contact the technical department.

All expansion joints must have a suitable expansion joint covering system installed to allow for expansion and contraction of the concrete. All dormant construction joints and surface cracks > 1/4-in. must be cleared of all dust, dirt and debris and filled with a rigid crack treatment designed for use in construction joints or cracks. Follow the products instructions and ensure surface is troweled flush with surface of concrete.

Concrete Moisture Requirements

Moisture Limits

NV-GLU Acrylic Adhesive
- Moisture test not required
- Concrete must meet all requirements

MA 2000 Spray Adhesive
- 95% RH
- 10 lbs. MVER

MW 3012 MS Adhesive
- 95% RH
- 8 lbs. MVER

All on and below-grade concrete must have a confirmed and effective vapor retarder that is compliant with ASTM E1745 installed directly beneath the slab. Unless the NV-GLU will be used or a moisture mitigation is / will be installed, all concrete substrates must be tested for moisture in accordance with ASTM F2170 and/or ASM F1869. The maximum concrete moisture limits are in the previous table.

If a vapor retarder is not present, confirmed or adequate and/or if the results of concrete moisture testing exceed these limits, a suitable concrete moisture mitigation product must be installed, following the product instructions.

Concrete Moisture Mitigation

When appropriate, use a dimensionally stable, surface-applied moisture mitigation system that, when tested in accordance with ASTM E96 / E96M Standard Test Methods for Water Vapor Transmission of Materials (Method B), has a permeability value of ≤ 0.1 grains/sq. ft./hr. Confirm compliance with the manufacturer before use.

Gypsum/Lightweight Substrates

Gypsum or Lightweight substrates must be dry (according to the product manufacturer's requirements) and have a minimum compressive strength of 2000 PSI when installed over a wood substrate or 3000 PSI when installed

over a concrete substrate. Gypsum or Lightweight substrates must be installed and prepared in accordance with ASTM F2419 or ASTM F2471, respectively. Gypsum or Lightweight substrates must be firmly bonded to a structurally sound subfloor. All cracked or fractured areas must be removed and repaired with a compatible repair product. New or existing gypsum or lightweight substrates may require a sealant or primer be installed prior to resilient flooring installation - follow the product manufacturer's recommendations regarding preparation for resilient flooring.

Wood Substrate Requirements

All wood substrates must be structurally sound, dry and within the moisture content percent (MC-%) for your region. Wood substrates and subfloors must be compliant with and, if necessary, prepared in accordance with ASTM F1482. Wood substrates must be of double layer construction with a recommended total thickness of 1-in. or more, depending on federal, state and local building codes. Sleepers and sleeper systems must not make direct contact with concrete. For standard installations, the top layer must be an APA Underlayment Grade plywood or equivalent with a minimum thickness of 1/4-in. Plywood must be smooth, free of knots or voids and fully sanded. When floors may be subjected to moisture, use an APA-grade exterior grade plywood.

Resinous Coating Requirements

When installing directly over a resinous coating, such as an epoxy coating or a moisture mitigation system, ensure the coating is clean and free of contaminates, structurally sound, smooth, dry and has cured for the prescribed length of time.

Metal Substrate Requirements

Metal substrates must be clean, dry, structurally sound smooth and free of oil, rust and/or oxidation. When installing in areas that may be subject to topical water, moisture and/or high humidity, an anti-corrosive coating should be applied to protect the metal substrate. Contact a local paint or coating supplier for coating recommendations.

Other Substrates

Installing over existing resilient vinyl flooring is not recommended. However, it may be possible over some materials, such as VCT, quartz tile, solid vinyl tile, sheet vinyl or linoleum, as well as existing hard surface flooring substrates, such as terrazzo, porcelain or ceramic tile. Ensure that existing flooring is a single layer, clean, dry, sound, solid and well adhered. All loose material must be removed and repaired or replaced. All grout lines and wide seams greater than 1/4-in. in width and/or depth, as well as any significant substrate imperfections, must be filled and troweled flush with a suitable cementitious patch. By electing to install over any existing floor covering releases the manufacturer from any responsibility regarding the suitability and continued performance of that product, including any resulting effect on the new floor covering.

Radiant Heating Requirements

When installing flooring over a substrate that contains a radiant heating system, ensure that none of the heating elements make direct contact with the flooring material. Ensure radiant heat is no higher than 70° F (21° C) 8-hours prior to and during the entire installation. After installation, the radiant heat may be gradually increased over the course of 24 hours, until normal operating temperature is reached. Ensure the temperature of the radiant heating system does not exceed 85° F (29.5° C) and avoid making abrupt changes in radiant heating temperature.

Sound Control Substrates

Additional Sound Control Underlayments cannot be used under this flooring. Any and all issues related to the installation of additional, unapproved underlayments will not be covered under warranty.

Unsuitable Substrates

These include, but are not limited to: any floating or loose floor coverings, hardwood, carpet, cushioned vinyl, rubber, cork, foam, VAT, asphalt tile, additional acoustical underlayments and any substrate with visible mold, mildew, or fungi and any substrate in wet areas, such as inside showers and saunas. Do not install over substrates that have been coated with a varnish or an oil-based, enamel, paint, primer, primer-sealer or stain-blocker. Do not install over any substrates made of Masonite, chipboard, wafer board, fiberboard, particleboard, construction-grade plywood, CDX, OSB (including AdvanTech), Lauan, cement board or any non-underlayment grade panels – if present, cover with an APA-rated underlayment-grade plywood. Do not use pressure-treated plywood. If using fire-retardant plywood, confirm adhesion using the Mat Bond Evaluation detailed below. Do not install directly over any adhesive or adhesive residue of any kind. Do not install in recreation vehicles, campers or boats.

Note: Issues related to unsuitable substrates are not covered under warranty.

Adhesive Mat Bond Evaluation

If the suitability of an otherwise suitable substrate is in question, perform an adhesive bond test per ASTM F3311 Standard Practice for Evaluation of Performance and Compatibility for Resilient Flooring System Components Prior to Installation. Store all records related to this test with other relevant documentation.

3. FLOORING INSTALLATION

Installation Preparation

It is recommended that all wooden door jambs be undercut with an Oscillating Multi-Tool - the height must be the thickness of the floor covering. Allow all trades to complete work prior to installation. Clean the entire area to be installed using a HEPA-filtered vacuum.

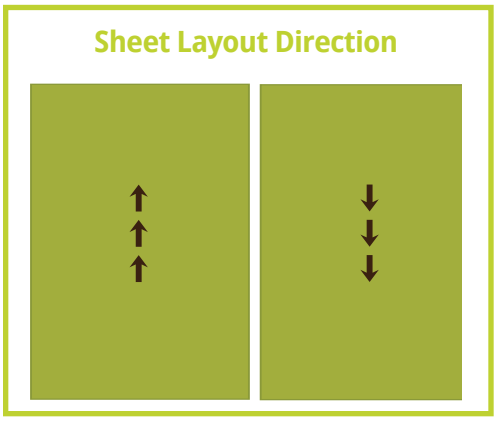
Inspect all material prior to and during installation to verify that there are no visible defects, damages and excessive flatness, shading, sheen or texture variations. Some flooring products, colors and textures have latent and acceptable color and shade variations. If there are concerns regarding product defects, flatness, shade, sheen or texture variation, do not install material and consult a sales representative or manufacturer's technical staff. **Labor costs associated with materials installed with obvious visual defects**

will not be covered under warranty.

Although mixing different lots within the same area will not affect the performance of the product, it is not recommended, as shade, sheen and texture variations may be visible. Prior to installing, compare different lots side-by-side from all directions and lighting conditions to confirm acceptability for the owner or end-user. **Material installed with obvious visual differences related to production lots will not be covered under warranty.**

Ensure rolls are stored upright, with the cap-end down, to prevent distortion and compression of the material.

Layout



Prior to installation, confirm the installation pattern, direction and seam location per the design specifications or work order. Once seam location is established, layout and rough cut sheets from the roll - allow for 3-in. to 6-in. of excess material. Rolls should be laid out and installed in sequence, following the numeric order of the rolls.

When rough cutting sheets from a roll, be sure to turn every other sheet by 180° so that sheets are alternating in direction. Overlap seams by at least 3/4 in. per edge, accounting for designs that may require pattern-matching. For larger installation areas where head seams will be created, ensure head seams are staggered by 3-ft. – 4-ft., depending on room size and sheet length. Material that has been cut towards the inside end of the roll may retain some roll memory - when visible, back-roll the ends of the affected sheet to ensure the material lays flat during installation.

Starting Line

Measure the width of each end of the area, then calculate and mark your starting line, at the center of the room. Calculate the width of the last row – if it is less than half the width of the floor covering, adjust your starting line by half the width of the flooring.

Seam Trimming & Cutting

Prior to laying into the adhesive and heat welding, the edge of each sheet must be trimmed by 1/2-in. Ensure sheets are overlapped correctly before trimming and cutting. Using a utility knife and a straight edge or a selvage edge trimmer, trim the bottom sheet to create a clean, straight edge. Ensure that knife blades are sharp, straight and vertical and avoid stretching or shifting the sheets while trimming.

Once the bottom sheet is trimmed, use a hinge scriber or selvage edge trimmer to scribe and cut the top sheet. Once trimmed, remove all scrap and check the seam - seams should be tight, but not over-compressed. Leave at least one seam un-trimmed so that adjustments can be made during installation, if needed.

When working in smaller areas, perimeter sheets, ends, borders and other specialty pieces can be cut prior to apply adhesive to fit snugly against or around walls, thresholds, transition strips, fixtures and other protrusions or accessories. Avoid forcing material tightly against vertical surfaces, as material may buckle. For larger installations, wait until adhesive installation

Adhesive Application

Once all but the final seam has been cut, carefully fold back half of material and clean the substrate again prior to adhesive application. Only apply as much adhesive as can be covered within the working-time, typically to only one side of your starting line at a time. Apply the adhesive slowly and evenly to the substrate at a ~45° angle using the specified trowel notch. Avoid skips, puddles or sharp trowel turns. When necessary, use weights (such as unused adhesive pails)

to hold material back and allow the specified open time for the adhesive, depending on the porosity of the substrate and the site conditions. The adhesive may need to be dry to the touch prior to installation - refer to the product instructions for specific requirements.

Flooring Installation

Carefully roll material back into the adhesive to avoid trapping air between the adhesive bed and the material. Leave a 1/64-in. (0.4-mm) gap between sheets, in order to create a path for the heat-weld grooving tool wheel to follow. Do not exceed gap width to prevent issues with seam integrity and strength.

Roll installation area with a 3-section, 100-lb. roller within 15 minutes of installation, crossing in a perpendicular direction after initial roll. Re-roll material 30-60 minutes after initial roll. Proceed with the installation in this manner for all remaining sheets, taking special care to ensure there is no adhesive overlap. Failure to roll correctly may result in bond failure.

Repeat this process for the remainder of the installation. If adhesive gets on the surface of the material, immediately remove it using a clean, damp cloth. If the adhesive has dried, use a small amount of 70% Isopropyl alcohol and a clean cloth to remove it.

Post-Installation

Visually inspect the installation to ensure that the appearance is uniform and straight, that all seams are tight and correctly staggered/spaced. When spot cleaning, do not apply abrasive or solvent-based cleaners directly to the surface of the floor covering. When required, protect newly installed flooring with construction grade paper or protective boards, such as Masonite, Ram Board or plywood, to prevent damage from other trades. Take photographs and have any required documentation signed and filed following completion.

4. FLASH-COVE INSTALLATION

When requested or required, sheet vinyl can be flash coved ≤ 6-in. up the wall. Flash-coving should only be attempted by installers with experience and/or training. Install an appropriate cove cap

(1 1/8-in. radius) and cove stick according the manufacturer's instructions, in order to protect the flooring edge and provide a suitable radius for flashing. Ensure the cove stick is mitered at all corners and cut back at all doorways to provide a smooth transition.

While forming material to the desired radius, measure and cut the edge to meet the cove cap, ensuring material is snug and makes full contact with the cove stick. If the flash cove does not make full contact with cove stick, the material could become damaged over time.

Pattern scribe and cut all difficult fill pieces prior to spreading adhesive. Use the Boot / Mitered Outside Corner method or Butterfly method for creating outside corners. The boot should extend back on the least visible wall at least several inches from the corner. When cutting, avoid damaging all adjacent floor covering and any folded back material.

Use a 3-in. reinforced double-sided tape to adhere material directly to the cove stick and to the wall and roll with a weighted hand roller.

5. HEAT-WELDING INSTRUCTIONS

Ensure the gaps between the seams are free of adhesive, dust, dirt, debris and contaminates. Set the groove depth of the electric groover or hand groover to 66% of the total thickness of the material (1/16-in. or 1.5-mm for 2.3-mm flooring), in order to create a ~1/8-in. (3.5-mm) wide groove. Be sure to test groover on scrap material to ensure proper depth is achieved.

While grooving, ensure removal is split between each side of the sheet (50% per side) and replace blades when needed. Hand-grooving may be required near walls, fixtures and other vertical surfaces or while flash-coving. Remove all loose pieces of flooring as well as any other dirt or debris from groove prior to welding.

All seams must be heat welded according to ASTM F1516. Ensure that the adhesive has cured for recommended period of time prior to heat-welding, allowing at least 24 hours after installation. Prior to heatwelding, perform a test weld on scrap material that is bonded to a substrate to ensure the temperature and speed are correct. Welding should be performed with a hot air welding gun set to 600- 650° F (315-350° C), using a 5-mm weld rod speed nozzle with a narrow heel.

Once the speed and temperature are confirmed, weld each seam and immediately trim using a quarter-moon spatula knife and trim plate or a Mozart trimming knife with a 0.7 mm spacer. While welding, ensure that the welding flow or wash is present on both sides of the applied welding rod and that the nozzle is directly over the gap - avoid leaning the nozzle to one side. Do not allow foot traffic or trim welding bead until welding bead has completely cooled (at least 15 minutes).

After the weld has cooled, use a clean quarter-moon spatula knife with a clean trim plate or a Mozart trimming knife without the spacer to finish trimming the weld. The finished weld must be smooth and flush with the surface of the floor covering.

The weld may be glazed after the final trim in order to reduce maintenance. To glaze the weld, use a hot air welding gun to melt the surface of the trimmed weld rod until glossy, then allow it to cool. While glazing, do not touch the flooring or weld with the hot nozzle to avoid damage. Document finished welds via photograph or video to confirm proper completion.

6. INITIAL MAINTENANCE

Residential

Dust-mop or vacuum the floor to remove any dirt or debris. Damp-mop the floor as often as required using a flat microfiber mop or a spray mop. Use a pH neutral, film-free and streak-free cleaner concentrate, available at home improvement stores, and make sure to change the pad as often as necessary. Steam cleaners with a micro-fiber head may also be used, providing the steaming head is never stationary, as prolonged, excessive heat can damage any vinyl floor covering.

Commercial

Dust-mop or vacuum the floor to remove any dirt or debris. Mix a pH neutral, film-free and streak-free cleaner with clean, cool potable water and damp-mop or spot clean the floor as often as necessary. Avoid wet mopping, puddling or pooling cleaning liquid on the surface.

For further information regarding daily or routine maintenance, please consult the product care & maintenance document or the associated product technical data sheet.

7. FLOORING PROTECTION

Do not slide or drag heavy objects across the floor. When moving appliances, heavy furniture or equipment, protect the flooring with appropriate, hard surface furniture sliders or 1/2-in. plywood.

All furniture casters or glides must be intended for resilient flooring and made of a soft material, such as a felt, silicone or a poly-based material. Casters and glides must have a flat contact point that is at least 1-sq. in. or 1.125-in. in diameter to limit indentation and flooring or finish damage. All rolling seating in desk areas must have chairs that use soft, W-Type polyurethane wheels or have a resilient flooring chair pad installed over the finished floor to protect it. **To avoid maintenance-related issues, do not use nylon/hard plastic wheels, glides or casters.**

All fixed furniture legs or corners must have permanent floor protectors installed on all contact points to reduce indentation, wear, scratching and other flooring or finish damage. Floor protectors must be intended for resilient flooring and made of a soft material (such as a felt, silicone or a poly-based material). Floor protectors must have a flat contact point of at least 1-sq. in. or 1.125-in. diameter and must cover the entire bottom surface of the furniture leg. **Do not use nylon/hard plastic floor protectors or furniture feet.**

Ensure all furniture castors and chair legs are clean and free of all dirt and debris. Routinely clean chair castors and furniture legs to ensure that dirt or debris has not built up or become embedded in castors or floor protectors.

Replace chair castors and floor protectors at regular intervals, especially if they become damaged or heavily soiled. Felt floor protection devices may need to be replaced 3 or more times a year to prevent accumulation. Use an effective walk-off mat or system at all outdoor entrances/exits and prevent water from accumulating. Ensure mats are manufactured with non-staining backs to prevent discoloration.

8. WARRANTY

AVA provides a 12 Year Heavy Commercial Warranty and a Lifetime Residential Warranty for all REVV and VEXX flooring products. For additional information, see associated warranty documents.

FOR PROFESSIONAL USE ONLY. PLEASE CAREFULLY REVIEW ALL ASSOCIATED TECHNICAL DATA SHEETS, SAFETY DATA SHEETS, MAINTENANCE DOCUMENTS AND WARRANTY INFORMATION PRIOR TO INSTALLATION.