INSTALLATION PHOTO
Cerussa Luxury Vinyl – FLBMD0029

ASI® ARCHITECTURAL SYSTEMS, INC.
INTERIOR FINISHES | ESTABLISHED 1990

CERUSSA LUXURY VINYL

The **Cerussa Luxury Vinyl** collection reflects the technique of accentuating the grain to capture the detail and character of a natural hardwood. Modernity echoes authentic and timeless design with 7" wide in stock, scratch-resistant planks, glue-down or loose lay installation and 14 statement making colorations all in a neutral palette.

SPECIFICATIONS

SIZE	7" x 48"
THICKNESS	**Glue-Down:** 2mm with a 12mil wear layer; **Loose Lay:** 5mm with a 20mil wear layer
FINISH	High-Performance Commercial Urethane
CONSTRUCTION	Sound absorbing, non-slip and stabilizing core layers (5mm)
INSTALLATION	Glue-Down or Loose Lay
ASI® ADVANTAGE	100% Recyclable and Phthalate Free; FloorScore® Certified for Indoor Air Quality; Superior Scruff and Scratch Resistant

* In stock products are subject to availability
* Please note that variations in color and texture may occur due to the nature of the material


2MM: FLBMD027
5MM: FLBMD028


2MM: FLBMD029
5MM: FLBMD030

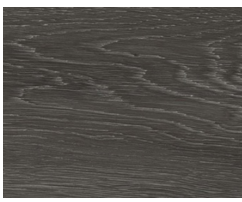

2MM: FLBMD031
5MM: FLBMD032


2MM: FLBMD027
5MM: FLBMD028


2MM: FLBMD035
5MM: FLBMD036


2MM: FLBMD037
5MM: FLBMD038


2MM: FLBMD039
5MM: FLBMD040


2MM: FLBMD041
5MM: FLBMD042


2MM: FLBMD043
5MM: FLBMD044


2MM: FLBMD045
5MM: FLBMD046


2MM: FLBMD047
5MM: FLBMD048


2MM: FLBMD049
5MM: FLBMD050


2MM: FLBMD051
5MM: FLBMD052


2MM: FLBMD053
5MM: FLBMD054

South Shore Buds
Marshfield, Massachusetts, In-House Design
Cerussa Luxury Vinyl – FLBMD027

The Bristol
West Palm Beach, FL, Amir Khamneipur Design
Cerussa Luxury Vinyl –

2MM (12MIL Wear Layer)

Properties	ASTM Test	Results
Chemical Resistance	F 925	PASS
Critical Radiant Flux	E 648	Class I, >0.45w/cm^2
Dimensional Stability	F 2199	PASS
Light Stability	F 1515	PASS
Residual Indentation	F 1914	PASS
Slip Resistance	D2047	> 0.6
Smoke Density	E 662	PASS, <450
Static Load Limit	F 970	PASS
Wear Resistance	F 510	Wear Group: T

5MM (20MIL Wear Layer)

Properties	ASTM Test	Results
Acoustical Rating: 6” Concrete Slab / No Ceiling	E 90 / E 492	IIC 53 STC 54
Acoustical Rating: 18” Open Truss		IIC 58 STC 61 HIIC 52
Chemical Resistance	F 925	PASS
Critical Radiant Flux	E 648	Class I, >0.45w/cm^2
Dimensional Stability	F 2199	PASS
Light Stability	F 1515	PASS
Residual Indentation	F 1914	PASS
Slip Resistance	D2047	> 0.6
Smoke Density	E 662	PASS, <450
Static Load Limit	F 970	PASS
Wear Resistance	F 510	Wear Group: T

INSTALLATION METHOD

PRE-INSTALLATION

ARCHITECTURAL SYSTEMS, INC.
INTERIOR FINISHES | ESTABLISHED 1990

PRODUCT LIMITATIONS

Do not install materials over LVT, cushioned vinyl, hardwood flooring, cork, rubber, or asphaltic materials. Do not install flooring materials in outdoor areas or in and near commercial kitchens. 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 radiators, ovens or other high heat equipment. May be susceptible to staining from rubber tires, casters or rubber-backed walk-off mats, as well as harsh disinfectants, cleaning agents, dyes or other harsh chemicals – ensure all chemicals and materials that may come in contact with flooring surface will not stain, mar or otherwise damage the flooring material prior to use.

SUBSTRATE PREPARATION

All substrates must be prepared according to ASTM F710, as well as applicable ACI and RFCI guidelines. Substrates must be clean, smooth, permanently dry, flat, and structurally sound. Substrates must be free of visible water or moisture, dust, sealers, paint, sweeping compounds, curing compounds, residual adhesives and adhesive removers, concrete hardeners or densifiers, solvents, wax, oil, grease, asphalt, visible alkaline salts or excessive efflorescence, mold, mildew and any other extraneous coating, film, material or foreign matter. All substrates must be vacuumed with a flat vacuum attachment or damp mopped with clean, potable water to remove all surface dust. Sweeping without vacuuming or damp mopping will not be acceptable. It is recommended that all substrates have a floor flatness of FF32 and/or a flatness tolerance of 1/8" in 6' or 3/16" in 10.'

All porous substrates must be tested to confirm porosity. To determine substrate porosity, place three, .05 mL (1/4" wide) droplets of clean, potable water onto the surface of the substrate per every 2000 sq. ft., at least one test per room. If the substrate absorbs water within 60 seconds, the substrate is considered porous. All other substrates that do not meet this requirement are considered non-porous. Ensure that all non-porous substrates are not contaminated with any aforementioned contaminates.

When conducting renovations or remodeling, remove all existing adhesive residue so that 90% of the original substrate is exposed by mechanical means, such as shot blasting, grinding or buffing with a 100 grit Diamabrush Prep Plus attachment.

Do not use solvent/citrus based adhesive removers prior to installation. Follow The Resilient Floor Covering Institute's (RFCI) "Recommended Work Practice for Removal of Existing Floor Covering and Adhesive", and all applicable local, state, federal and industry regulations and guidelines. When removing asbestos and asbestos containing materials, follow all applicable OSHA standards.

CONCRETE SUBSTRATES

All concrete must have a minimum compressive strength of 3500 PSI and be prepared in accordance with ASTM F 710. When flooring is being installed directly over concrete, concrete surfaces that have an ICRI Concrete Surface Profile (CSP) over 4 should be treated with a self-leveling underlayment or a patch to prevent imperfections from telegraphing through flooring materials. On or below grade concrete must have a permanent, effective moisture vapor retarder installed below the slab.

New or existing concrete substrates on all grade levels must be tested in accordance with ASTM F 2170, using in situ Probes (such as Wagner Rapid RH), to quantitatively determine

the amount of relative humidity at least one week prior to the installation.

In addition to ASTM F 2170 Relative Humidity Testing, existing concrete that has previously had floor covering installed on all grade levels must be tested in accordance with ASTM F 1869, using Calcium Chloride test kits, to quantitatively determine the Moisture Vapor Emissions Rate (MVER) of the concrete.

If ASTM F2170 or ASTM F1869 test results exceed the prescribed limits, a moisture mitigation product, must be installed prior to proceeding with installation. When installing over concrete as moisture mitigation,material must be applied in two coats. Do not install flooring until moisture testing has been conducted per the appropriate standard and/or moisture mitigation has been installed and is dry to the touch. Do not install flooring in below grade areas when hydrostatic pressure is visible or suspected.

If pH testing per ASTM F710 exceeds the above limits, the concrete must be sealed with pH insensitive product prior to proceeding with installation. Install all sealers and/or primers per product technical data and/ or installation instructions. Do not install flooring until material is dry to the touch.

RESINOUS SUBSTRATES
When installing directly over resinous products or an epoxy coating, ensure that coating is dry to the touch and has cured for the prescribed length of time. Substrate must be clean, dry, sound and free of contaminates. Ensure to follow installation procedures and trowel sizes for non-porous substrates.

GYPSUM-BASED SUBSTRATES
Gypsum-based substrates must have a minimum compressive strength of 3500 PSI. Substrate must be structurally sound and firmly bonded to subfloor. Any cracked or fractured areas must be removed and repaired with a compatible patch or repair product. Follow instructions for installation over a gypsum substrate. New or existing gypsum substrates may require a sealant or primer. Follow all manufacturer's recommendations regarding preparation for resilient flooring installation.

WOOD SUBSTRATES
Wood substrates must be prepared in accordance with ASTM F1482. Wood subfloors should be of double layer construction with a minimum thickness of 1". Crawl spaces beneath wood subfloors shall be in compliance with local building ventilation codes and have at least 18" of cross-ventilated space between the ground and the joists. Wood joists should be spaced on not more than 16" centers.

Prior to installation, moisture retardant sheeting with a maximum rating of 1.0 perm must be installed beneath the wood subfloor, overlapped at least 8". For standard installations, use Underlayment Grade plywood with a minimum thickness of 1/4" thick and a fully sanded surface. When floors may be subjected to moisture, use an APA approved exterior grade plywood. Other wood subfloor materials, such as OSB, lauan, particleboard, chipboard or cementitious tile backer boards, are not acceptable subfloors. Avoid preservative treated and fireretardant plywood, as some may be manufactured with resins or adhesives that may cause discoloration or staining of the flooring. Wood subfloor deflection, movement, or instability will cause the flooring installations to release, buckle or become distorted. As such, do not use plastic or resin filler to patch cracks. Do not use cement or rosin coated nails and staples or solvent-based construction adhesives to adhere the plywood. Do not install on a sleeper system (wood subfloor system over concrete) or directly over Sturd-I-Floor panels.

METAL SUBSTRATES

Metal substrates must be thoroughly sanded/ground and cleaned of any residue, oil, rust and/or oxidation. Substrate must be smooth, flat and sound prior to installation. When installing in areas that may be subject to topical water or moisture and/or high humidity, an anti-corrosive coating must be applied to protect metal substrate. Contact a local paint or coating supplier for coating recommendations. Install flooring material within 12 hours after sanding/grinding to prevent re-oxidation. Any deflection in the metal floor can cause a bond failure between the adhesive and the metal substrate. Ensure to follow installation procedures and trowel sizes for non-porous substrates.

EXISTING FLOORING SUBSTRATES

When installing flooring over a substrate that contains a radiant heating system, ensure the radiant heat is turned off 48 hours prior to installation and remains off during the entire installation. 48 hours 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.

CRACKS, JOINTS AND VOIDS

All cracks, joints and voids, as well as the areas surrounding them, must be clean and free of dust, dirt, debris and contaminants. All minor cracks and voids 3/64" wide or less may be repaired with a suitable cementitious patch.

Due to the dynamic nature of concrete slabs, manufacturer cannot warranty installations to cover expansion joints, cracks or other voids (such as control cuts, saw joints and moving cracks or voids) wider than 3/64". Do not install flooring directly over any expansion joints or cracks wider than 3/64".

All expansion joints should have a suitable expansion joint covering system installed to allow expansion joint to freely move. To treat expansions joints where an expansion joint covering system can't be installed or to treat through cracks (depth at least 75% of the thickness of the concrete), chase joint or crack with a suitable saw or grinder and open to a minimum width of ¼". Be sure to clean all dust, dirt and debris from crack. Joints and cracks should then be sealed with a suitable, elastomeric caulk designed for use in expansion joints. Install a closed- cell backer rod at prescribed depth and follow caulk manufacturer's instructions for installation. Ensure surface is troweled flush with surface of concrete. To treat other cracks and voids (such as control cuts, saw-cut joints and surface cracks) over 3/64", chase joint or void with a suitable saw or grinder and clean all dust, dirt and debris from crack. Fill entire crack with a rigid crack filler designed for use in control or saw-cut cuts. Follow material manufacturer's instructions for installation. Ensure surface is troweled flush with surface of concrete.

Consult a structural engineer prior to treating any crack or joint, especially those that may affect structural integrity (such as expansion joints). Review all manufacturer installation instructions and/ or consult manufacturer technical staff for all crack or joint filling products prior to treating joints and cracks.

INSTALLATION METHOD CONT.

GLUE-DOWN INSTALLATION

ARCHITECTURAL SYSTEMS, INC.
INTERIOR FINISHES | ESTABLISHED 1990

Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared and tested for moisture. Ensure adhesive is approved for use with flooring material and the proper trowel type and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage.

Prior to installation, confirm material installation pattern and direction per design specifications or work order. Inspect all tiles before installing or during installation to verify that there are no visible defects, damages or excessive shading variations. Blend materials from several cartons to ensure consistent appearance and color or shade variation. Some flooring products, colors and textures have latent and acceptable color and shade variations. If there are concerns regarding shade or color variation, do not install material and consult a sales representative and manufacturer's technical staff.

Ensure substrate is clean, dry flat and sound prior to installation. Ensure the room is square using the 3-4-5 squaring rule or similar method to ensure acceptable installation. Dry-lay several pieces of material in order to determine idea room layout. Cut borders and other specialty pieces to fit snugly against or around walls, thresholds, transition strips, fixtures and other protrusions or accessories. Ensure material around perimeter is 1/8" from wall or less, depending on depth of wall base or trim. Ensure all end seams are a minimum of 6" apart. Use a nail-down guide or equivalent along starting row to expedite wet-set installation. Apply adhesive according to instructions for specific product in use and observe adhesive flash times, if applicable. Ensure all adhesive working times are observed and followed. Be sure to follow instructions based on substrate porosity (porous or non-porous).

Install material into adhesive in the same direction, unless installing in a specific and pre-determined design, such as a quarter-turn or herringbone design. For larger installations, use a pyramid layout when installing planks to eliminate run-off.

When installing into adhesive using a wet-set method, avoid walking or working on material until adhesive has cured for light foot traffic. Working on material that is installed into wet adhesive could cause adhesive to displace. When working off of material is not possible, use a kneeling board or equivalent to disperse weight evenly and prevent adhesive displacement. Pay close attention to working time to avoid adhesion issues. This may require installing material in smaller sections. Replace trowels at recommended intervals to maintain proper trowel ridge and spread rate.

Periodically lift material to ensure proper adhesive transfer and ensure adhesive has not surpassed the open time – adhesive should cover 90% of tile. Roll material with a 3 section, 100 lb. roller within 30 minutes of installation, crossing in a perpendicular direction after initial roll. Use a hand roller in areas that cannot be reached with larger roller.
Visually inspect installation to ensure that material has not shifted and that adhesive has not been squeezed out of joints or compressed onto surface. Clean excessive adhesive or adhesive residue from the surface of the material per adhesive recommendations. Do not apply abrasive or solvent based cleaners directly to flooring material.

INSTALLATION METHOD CONT.

GLUE-DOWN INSTALLATION (CONT.)

ARCHITECTURAL SYSTEMS, INC.
INTERIOR FINISHES | ESTABLISHED 1990

Protect newly installed flooring with construction grade paper or protective boards, such as Masonite or Ram Board, to protect flooring from damage by other trades. Do not slide or drag pallets or heavy equipment across the new flooring. Limit usage and foot traffic according to the adhesive's requirements. When moving appliances or heavy furniture, protect flooring from scuffing and tearing using temporary floor protection. All furniture casters must be made of a soft material and must have a contact point of at least 1" in width to limit indentation and flooring damage. All rolling chair or seating must have a resilient flooring chair pad installed over the finished floor to protect floor covering. All fixed furniture legs must have permanent felt or soft rubber floor protectors installed on all contact points and to reduce indentation. Floor protectors must have a flat contact point of at least 1 sq. in. or 1 in. diameter and must cover the entire bottom surface of the furniture leg.

Ensure all furniture castors and chair legs and are clean and free of any and 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.

Place walk-off mats at outside entrances. Ensure mats are manufactured with non-staining backs to prevent discoloration.

INSTALLATION METHOD CONT.

LOOSE LAY: PRODUCT INSTALLATION

ARCHITECTURAL SYSTEMS, INC.
INTERIOR FINISHES | ESTABLISHED 1990

Ensure substrate is suitably prepared prior to installation, as manufacturer is not responsible for substrates that have not been properly prepared and tested for moisture. Ensure adhesive is approved for use with flooring material and the proper trowel type and size is used, as manufacturer is not responsible for any and all adhesion issues related to improper adhesive selection or usage.

Prior to installation, confirm material installation pattern and direction per design specifications or work order. Inspect all planks before installing or during installation to verify that there are no visible defects, damages or excessive shading variations. Blend materials from several cartons to ensure consistent appearance and color or shade variation. Some flooring products, colors and textures have latent and acceptable color and shade variations. If there are concerns regarding shade or color variation, do not install material and consult a sales representative and manufacturer's technical staff.

Ensure substrate is clean, dry, flat and sound prior to installation. Square the room using the 3-4-5 squaring rule or similar method to ensure acceptable installation and establish initial installation starting line. Dry lay several pieces of material to determine ideal room layout. Ensure to allow a 1/8" gap around the entire perimeter of the room to allow for expansion, ensuring gap is no wider than the trim, wall base or molding to be installed. Cut borders and other specialty pieces 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. Ensure all end that flooring seams do not directly align with seams in the substrate.

LOOSE LAY INSTALLATION

Apply adhesive along starting row and along perimeter of initial installation area according to instructions for specific product in use. Ensure the width of the adhesive installation is no less than the width of two planks. Observe adhesive flash times and working times and expand adhesive installation area as installation continues. Be sure to follow instructions based on substrate porosity (porous or nonporous).

Install material in the same direction, unless installing in a specific and pre-determined design, such as a herringbone design. For larger installations, use a pyramid layout when installing planks to eliminate run-off.

Use a straight edge along initial row to ensure that all planks are aligned with each other and ensure all seams are tight. When installing material in heavy use areas and through doorways or when flooring installation changes direction, apply adhesive along doorway or along seam and create an "X" pattern to prevent excessive flooring movement.

Roll material with a 3 section, 100 lb. roller within 30 minutes of installation, crossing in a perpendicular direction after initial roll. Use a hand roller in areas that cannot be reached with larger roller. Visually inspect installation to ensure that material has not shifted and that all seams are tight.

FULLY ADHERING LOOSE LAY INSTALLATION

Ensure substrate is clean, dry flat and sound prior to installation. Ensure the room is square using the 3-4-5 squaring rule or similar method to ensure acceptable installation. Dry-lay several pieces of material in order to determine idea room layout. Cut borders and other specialty pieces to fit snugly against or around walls, thresholds, transition strips, fixtures and other protrusions or accessories. Ensure material around perimeter is 1/8" from wall or less, depending on depth of wall base or trim.

INSTALLATION METHOD CONT.

LOOSE LAY INSTALLATION (CONT.)

ARCHITECTURAL SYSTEMS, INC.
INTERIOR FINISHES | ESTABLISHED 1990

Ensure all end seams are a minimum of 6" apart. Use a nail-down guide or equivalent along starting row to expedite wet-set installation. Apply adhesive according to instructions for specific product in use and observe adhesive flash times, if applicable. Ensure all adhesive working times are observed and followed. Be sure to follow instructions based on substrate porosity (porous or non-porous). Use below chart for reference.

Install material in the same direction into the adhesive, unless installing in a specific and predetermined design, such as a quarter-turn or herringbone design. For larger installations, use a pyramid layout when installing planks to eliminate run-off.

When installing into adhesive using a wet- set method, avoid walking or working on material until adhesive has cured for light foot traffic. Working on material that is installed into wet adhesive could cause adhesive to displace. When working off of material is not possible, use a kneeling board or equivalent to disperse weight evenly and prevent adhesive displacement. Pay close attention to working time to avoid adhesion issues. This may require installing material in smaller sections. Replace trowels at recommended intervals to maintain proper trowel ridge and spread rate.

Periodically lift material to ensure proper adhesive transfer and ensure adhesive has not surpassed the open time – adhesive should cover 90% of tile. Roll material with a 3 section, 100 lb. roller within 30 minutes of installation, crossing in a perpendicular direction after initial roll. Use a hand roller in areas that cannot be reached with larger roller.

Visually inspect installation to ensure that material has not shifted and that adhesive has not been squeezed out of joints or compressed onto surface. Clean excessive adhesive or adhesive residue from the surface of the material per adhesive recommendations. Do not apply abrasive or solvent based cleaners directly to flooring material.

MAINTENANCE

ARCHITECTURAL SYSTEMS, INC.
INTERIOR FINISHES | ESTABLISHED 1990

- Sweep or vacuum daily using soft bristle attachments.
- Clean up spills and excessive liquids immediately.
- Damp mop as needed and use neutral cleaners recommended for vinyl flooring.
- Use proper floor protection devices such as felt protectors under furniture.
- Do not use abrasive cleaners, bleach or wax to maintain the floor.
- Do not drag or slide heavy objects across the floor.

PREVENTATIVE STEPS

- When moving appliances or heavy furniture it is always wise to lay a plywood panel, or similar, on your floor and "walk" the item across it. This protects your floor from scuffing, gouging and tears.
- Frequently moved furniture should be equipped with felt pads to avoid scratching the floor. Heavy furniture and appliances should be equipped with non-staining large surface floor protectors. Furniture with castors or wheels must be easy swiveling, large surface non- staining and suitable for resilient floors. Do NOT use ball type castors as they can damage the floor.
- Caster wheeled chairs should have wide, rubber casters. Place protective mats under office chairs.
- Use floor protectors under furniture to reduce indentation. As a general rule of thumb, the heavier the item,the wider the floor protector needed.
- Place a walk-off mat at outside entrances to reduce the amount of dirt brought onto the ASI flooring. Do not use mats with a latex or rubber backing since these backings can cause permanent discoloration.