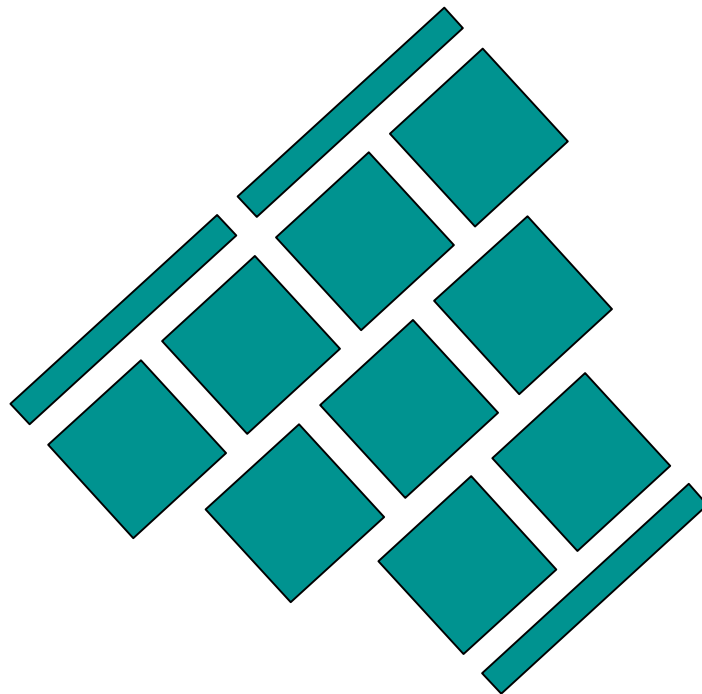


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www.centiva.com

CENTIVA LUXURY FLOORING

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INTRODUCTION

Centiva offers style. The colors are contemporary, the patterns exciting, and the looks are beautiful. Centiva doesn't just give you flooring – we give fashion! Through a broad range of residential and commercial applications, Centiva installations prove that Centiva vinyl floor coverings are the best in the world.

This manual is designed to give you the information about choosing, installing and maintaining a Centiva floor. For color or pattern selection, contact a distributor or agent nearest you. To preserve the warranty and deliver the best possible installation, follow the instructions in this manual. For further information contact 1701 Mars Hill Road, Florence, Alabama 35630. Toll free telephone 800-633-3380.

INTRODUCTION

Important: To preserve the warranty and deliver the best possible installation to your customer, follow the instructions in this manual.

Safety Warning: Centiva vinyl tile contains no asbestos fibers. When removing existing resilient floor coverings, carefully observe the following warning:

Existing resilient floor coverings and black asphalt adhesive may contain asbestos. Improper procedures used to remove these products could release asbestos fibers into the air. Asbestos fibers, if inhaled, may cause serious bodily harm. Do not sand or dry-scrape these materials. A preferred alternative to removal is to install a new floor over the old asbestos-containing floor whenever possible. If removal of existing floor covering is necessary, be sure that all precautions are taken and proper procedures are followed. For information regarding proper removal procedures, please consult Centiva or the Resilient Floor Covering Institute, 401 East Jefferson Street, Suite 102, Rockville, MD 20850, phone: 301-640-8580. Check state and local laws regarding removal of asbestos-containing materials.

Product: IFA manufactures Centiva homogenous and wear-layered products for heavy commercial or residential usage. Centiva offers unlimited choices of color, texture, style, and design. Centiva can be installed on concrete, over underlayment panels such as Structurwood, Multiply, and Masonite brand underlayments. Particleboard, strand board and flake board are NOT RFCI recommended underlayments; therefore, they are not recommended as a subfloor for Centiva tiles and planks. Concrete subfloors need to be tested to determine if the concrete's moisture content is within the specified parameters.

Imperfections: IFA prides itself on not packaging any products with defects. All Centiva products are closely inspected prior to shipping. If a defect is detected, the installer should contact the supplier immediately.

Labor Policy

Not Reimbursable: Claims filed for materials that were/are installed with obvious defects
Materials that were/are installed under improper conditions
Materials that were/are installed incorrectly
Materials that were/are used for any non-flooring purpose

Storage

and Handling: Proper storage is necessary to ensure the best performance and appearance from Centiva tiles and adhesives.

- A) Storage temperature range 65 °F. -75°F. Avoid installations with tile temperatures above 80 °F. and below 60 °F.
- B) Loosely lay tiles in the room or area prior to spreading adhesive to observe overall appearance.
- C) The installation contractor must check to make sure all tiles and adhesives are correct for the job.
- D) Always lay tiles or planks flat.

Installation

Temperatures: A) Acclimate to the site conditions for at least 2 days (48 hours) prior to installation.
B) Be sure floor level temperatures are between 65 °F. -75°F. for a minimum of 48 hours before installation, during installation and afterward.

PRODUCT CHARACTERISTICS

Classic Series*

Homogeneous: Centiva manufactures homogeneous products for heavy commercial or residential usage. These tiles are solid vinyl tiles with a standard gauge of 1/8" (3mm).

Multi-layered/Chip

Construction: Specially developed products in multi-layered sheet form including a recycled backing and high-density wear layer with a standard gauge of a minimum .30mil (0.8 mm) and/or chip construction throughout.

**Manufacturing of the Classic Series involves many handcrafted steps. This guarantees each tile receives a random, natural look.*

Event Series

Multi-layered &

Film Photograph:

Specially developed wear layered products are made with at least a .30 mil (0.8 mm) high density, clear PVC wear layer.

All solid vinyl tiles, as well as the wear layer vinyl tiles and planks, have a standard gauge of 1/8".

Classic &

Event Series

Color &

Textures:

Centiva is available in a wide range of colors and textures, reproducing the look of natural woods, stones, ceramics and artistic designs. Textures include slate, smooth, granite, embossed, frost, tick and rustic. Special attention should be paid when selecting a floor for your specific needs. All products can be customized to fit your specific needs in other colors, sizes, surfaces and gauges. See charts for specific textures and sizes.

Special Edge

Treatments:

Centiva special edge treatments include square edge, slight bevel, and regular bevel.

Applications:

All Centiva products can be used for commercial and residential use. The use of IFA adhesive is required in order to validate the warranty for Centiva tiles or planks. Detailed instructions are listed in the installation pages of the manual. After installation, a sealer and/or finisher is recommended for easy maintenance.

Samples:

Samples are cut from standard tiles and therefore do not correspond exactly to the pattern of the entire tile. Samples may vary slightly from actual production runs. For critical color match, please check actual production runs. Chain sets are available upon request. Colors shown in brochures and any other printing are only as accurate as four color printing process will allow.

PRODUCT ABBREVIATIONS

Product		Surface		Edge Treatment	
Coral Reef	CR	Slate	SS	Square Edge	SE
Magics	MG	Smooth	GS	Slight Bevel	SB
Italian Marble	IS	Granite	JS	Standard Bevel	BE
Concrete	CC	Embossed	ES		
New Terrazzo	NT	Frost	FR		
U.S. Solids	US	Tick	TK		
Ultraplank	UP	Rustic	RU		
Plankwood	PW				
Ultrastone	ST				
Good Ole Woods	HY-GW				
Bamboo	HY-BB				
RiverRock	HY-RR				
SandStone	HY-SD				
DesertDune	HY-DD				
C-Tech	CT				

PRODUCT SIZE AND PACKAGING:

Classic Series

Product	Size in Inches							
Coral Reef	9 x 9	12 x 12	12 x 18	18 x 18	18 x 36	4 x 36	6 x 36	36 x 36
Magics	9 x 9	12 x 12	12 x 18	18 x 18	18 x 36	4 x 36	6 x 36	36 x 36
Italian Marble	9 x 9	12 x 12	12 x 18	18 x 18	18 x 36	4 x 36	6 x 36	36 x 36
Concrete	9 x 9	12 x 12	12 x 18	18 x 18	18 x 36	4 x 36	6 x 36	36 x 36
New Terrazzo				18 x 18				
U.S. Solids	9 x 9	12 x 12	12 x 18	18 x 18	18 x 36	4 x 36	6 x 36	36 x 36
Pieces Per Carton	80	45	30	20	10	45	30	10
Sq. Ft. Per Carton	45	45	45	45	45	45	45*	90**
Weight Per Carton	38 lbs.	38 lbs.	38 lbs.	38 lbs.	38 lbs.	38 lbs.	30 lbs.	94 lbs.

Event Series

Product	Size in Inches					
Ultraplank	4 x 36					
Plankwood		6 x 36				
Ultrastone			12 x 12		18 x 18	36 x 36
Good Ole Woods	4 x 36					
Bamboo	4 x 36					
RiverRock			12 x 12		18 x 18	36 x 36
SandStone				12 x 18		
DesertDune			12 x 12		18 x 18	36 x 36
Pieces Per Carton	45	24	45	30	45	10
Sq. Ft. Per Carton	45	36	45	45	45	90**
Weight Per Carton	47 lbs.	47 lbs.	47 lbs.	47 lbs.	47 lbs.	94 lbs.

*All products in the Classic Series are packaged in 45 sf cartons.

**For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f

Additional sizes available upon request.

Please refer to the Abbreviation Chart for all abbreviations and surface textures.

CENTIVA PRODUCT SPECIFICATIONS

Commercial and Residential:

All material shall be Centiva by International Floors of America, Inc. Every style has a 10-character code. The first two characters represent the style, the next four are the color number, the next two are the surface, and the last two are the selected edge XX - XXXX - XX - XX in size XX" x XX"

Centiva products shall only be installed with the IFA recommended adhesives. It is recommended that a coating with a sealer and/or a finisher is used for floor protection.

CLASSIC SERIES

Italian Marble

Construction:	Pure solid vinyl
Standard Sizes:	9" x 9", 12" x 12", 18" x 18", and 36' x 36' slabs; custom sizes
Gauge:	1/8"
Wearlayer:	Homogeneous throughout
Packaged:	45 s/f per carton (9" x 9", 12" x 12", 18" x 18"); 90 s/f per carton of 36" x 36" For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f
Approximate Weight:	47 lbs per 9" x 9" or 12" x 12" or 18" x 18" carton 94 lbs per 36" x 36" carton
Surfaces:	Smooth, slate or granite
Edge Treatments:	Square, regular bevel or slight bevel
Standard Colors:	7 plus custom colors
Slip Resistance	Dry – Excellent 0.7100 (ASTM C1028); Wet 0.6463
Reference Specifications:	SS – T – 312B, Type III
Recommended Static Load:	285 lbs. per square inch
Taber Abrasion Test:	~ 166,000 revolutions
Fire Performance:	Critical Radiant Flux: 0.45 watts/cm ² NFPA 101 Life Safety Code
Smoke Density:	Average Dm (corrected) 450 NFPA 101 Life Safety Code
Flame Spread:	75 or less (ASTM E084)

Coral Reef

Construction:	Pure solid vinyl
Standard Sizes:	9" x 9", 12" x 12", 18" x 18", and 36' x 36' slabs; custom sizes
Gauge:	1/8"
Wearlayer:	Homogeneous throughout
Packaged:	45 s/f per carton (9" x 9", 12" x 12", 18" x 18"); 90 s/f per carton of 36" x 36" For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f
Approximate Weight:	47 lbs per 9" x 9" or 12" x 12" or 18" x 18" carton 94 lbs per 36" x 36" carton
Surfaces:	Smooth, slate or granite
Edge Treatments:	Square, regular bevel or slight bevel
Standard Colors:	10 plus custom colors
Slip Resistance	Dry – Excellent 0.7100 (ASTM C1028); Wet 0.6463
Reference Specifications:	SS – T – 312B, Type III
Recommended Static Load:	285 lbs. per square inch
Taber Abrasion Test:	~ 166,000 revolutions
Fire Performance:	Critical Radiant Flux: 0.45 watts/cm ² NFPA 101 Life Safety Code
Smoke Density:	Average Dm (corrected) 450 NFPA 101 Life Safety Code
Flame Spread:	75 or less (ASTM E084)

Magics

Construction:	Pure solid vinyl
Standard Sizes:	9" x 9", 12" x 12", 18" x 18", and 36" x 36" slabs; custom sizes
Gauge:	1/8"
Wearlayer:	Homogeneous throughout
Packaged:	45 s/f per carton (9" x 9", 12" x 12", 18" x 18"); 90 s/f per carton of 36" x 36" For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f
Approximate Weight:	47 lbs per 9" x 9" or 12" x 12" or 18" x 18" carton 94 lbs per 36" x 36" carton
Surfaces:	Smooth, slate and granite
Edge Treatments:	Square, regular bevel or slight bevel
Standard Colors:	12 plus custom colors
Slip Resistance	Dry – Excellent 0.7100 (ASTM C1028); Wet 0.6463
Reference Specifications:	SS – T – 312B, Type III
Recommended Static Load:	285 lbs. per square inch
Taber Abrasion Test:	~ 166,000 revolutions
Fire Performance:	Critical Radiant Flux: 0.45 watts/cm ² NFPA 101 Life Safety Code
Smoke Density:	Average Dm (corrected) 450 NFPA 101 Life Safety Code
Flame Spread:	75 or less (ASTM E084)

Concrete

Construction:	Multi-layered including at least .30 mil high density wear layer and recycled backing
Standard Sizes:	9" x 9", 12" x 12", 18" x 18", and 36" x 36" slabs; custom sizes
Gauge:	1/8"
Wearlayer:	Clear Rigid, High-Density PVC Of .30 Mil
Packaged:	45 s/f per carton (9" x 9", 12" x 12", 18" x 18"); 90 s/f per carton of 36" x 36" For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f
Approximate Weight:	47 lbs per 9" x 9" or 12" x 12" or 18" x 18" carton 94 lbs per 36" x 36" carton
Surfaces:	Granite, slate and embossed
Edge Treatments:	Square, regular bevel or slight bevel
Standard Colors:	7 plus custom colors
Slip Resistance	Dry – Excellent 0.7100 (ASTM C1028); Wet 0.6463
Reference Specifications:	SS – T – 312B, Type III
Recommended Static Load:	285 lbs. per square inch
Taber Abrasion Test:	~ 27,000 revolutions (wear layer products)
Fire Performance:	Critical Radiant Flux: 0.45 watts/cm ² NFPA 101 Life Safety Code
Smoke Density:	Average Dm (corrected) 450 NFPA 101 Life Safety Code
Flame Spread:	75 or less (ASTM E084)

U.S. Solids

Construction:	Multi-layered with at least .80 mil colored top layer and recycled backing
Standard Sizes:	9" x 9", 12" x 12", 18" x 18", and 36" x 36" slabs; custom sizes
Gauge:	1/8"
Packaged:	45 s/f per carton (9" x 9", 12" x 12", 18" x 18"); 90 s/f per carton of 36" x 36" For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f
Approximate Weight:	47 lbs per 9" x 9" or 12" x 12" or 18" x 18" carton 94 lbs per 36" x 36" carton
Surfaces:	Smooth, slate, granite, and embossed
Edge Treatments:	Square, regular bevel or slight bevel
Standard Colors:	18 plus custom colors
Slip Resistance	Dry – Excellent 0.7100 (ASTM C1028); Wet 0.6463
Reference Specifications:	SS – T – 312B, Type III
Recommended Static Load:	285 lbs. per square inch
Taber Abrasion Test:	~ 110,000 revolutions
Fire Performance:	Critical Radiant Flux: 0.45 watts/cm ² NFPA 101 Life Safety Code
Smoke Density:	Average Dm (corrected) 450 NFPA 101 Life Safety Code
Flame Spread:	75 or less (ASTM E084)

New Terrazzo

Construction:	Through layers of encapsulated chips including recycled backing
Standard Sizes:	18" x 18"
Gauge:	1/8"
Packaged:	45 s/f per carton (18" x 18")
Approximate Weight:	47 lbs per 18" x 18" carton
Surfaces:	Smooth
Edge Treatments:	Square
Standard Colors:	5 plus custom colors*
Slip Resistance:	Dry – Excellent 0.7100 (ASTM C1028); Wet 0.6463
Reference Specifications:	SS – T – 312B, Type III
Recommended Static Load:	285 lbs. per square inch
Taber Abrasion Test:	~ 110,000 revolutions
Fire Performance:	Critical Radiant Flux: 0.45 watts/cm ² NFPA 101 Life Safety Code
Smoke Density:	Average Dm (corrected) 450 NFPA 101 Life Safety Code
Flame Spread:	75 or less (ASTM E084)

EVENT SERIES

ULTRASTONE Plaza

Construction:	Solid Vinyl Tile
Standard Sizes:	12" x 12", 18" x 18", and 36" x 36" slabs; custom sizes
Gauge:	.120 mil (3mm)
Wearlayer:	Clear Rigid, High-Density PVC of .30 Mil
Packaged:	45 s/f per carton (12" x 12", 18" x 18"); 90 s/f per carton of 36" x 36" For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f
Approximate Weight:	47 lbs per 12" x 12" or 18" x 18" carton 94 lbs per 36" x 36" carton
Surfaces:	Frost
Edge Treatments:	Square or slight bevel
Standard Colors:	8 plus custom colors*
Slip Resistance:	D-2047-82 Static Coefficient of Friction on wet and dry surfaces
Critical Radiant Flux:	ASTM E-648 .45 Watts/cm ² or less; NFPA 101 Life Safety Code Class I Passes
Recommended Static Load:	285 lbs. per square inch
Smoke Generation:	ASTM E-662 450 or less in flaming mode, Passes
Flame Spread:	75 or less (ASTM E-84) Class B Passes

ULTRASTONE Terra

Construction:	Solid Vinyl Tile
Standard Sizes:	12" x 12", 18" x 18", and 36" x 36" slabs; custom sizes
Gauge:	.120 mil (3mm)
Wearlayer:	Clear Rigid, High-Density PVC of .30 Mil
Packaged:	45 s/f per carton (12" x 12", 18" x 18"); 90 s/f per carton of 36" x 36" For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f
Approximate Weight:	47 lbs per 12" x 12" or 18" x 18" carton 94 lbs per 36" x 36" carton
Surfaces:	Granite
Edge Treatments:	Square or slight bevel
Standard Colors:	8 plus custom colors*
Slip Resistance:	D-2047-82 Static Coefficient of Friction on wet and dry surfaces
Critical Radiant Flux:	ASTM E-648 .45 Watts/cm ² or less; NFPA 101 Life Safety Code Class I Passes
Recommended Static Load:	285 lbs. per square inch
Smoke Generation:	ASTM E-662 450 or less in flaming mode, Passes
Flame Spread:	75 or less (ASTM E-84) Class B Passes

ULTRASTONE Rialto

Construction:	Solid Vinyl Tile
Standard Sizes:	12" x 12", 18" x 18", and 36" x 36" slabs; custom sizes
Gauge:	.120 mil (3mm)
Wearlayer:	Clear Rigid, High-Density PVC of .30 Mil
Packaged:	45 s/f per carton (12" x 12", 18" x 18"); 90 s/f per carton of 36" x 36" For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f
Approximate Weight:	47 lbs per 12" x 12" or 18" x 18" carton; 94 lbs per 36" x 36" carton
Surfaces:	Frost
Edge Treatments:	Square or slight bevel
Standard Colors:	4 plus custom colors*
Slip Resistance:	D-2047-82 Static Coefficient of Friction on wet and dry surfaces
Critical Radiant Flux:	ASTM E-648 .45 Watts/cm ² or less; NFPA 101 Life Safety Code Class I Passes
Recommended Static Load:	285 lbs. per square inch
Smoke Generation:	ASTM E-662 450 or less in flaming mode, Passes
Flame Spread:	75 or less (ASTM E-84) Class B Passes

PLANKWOOD

Construction:	Solid Vinyl Tile
Standard Sizes:	6" x 36" and custom
Gauge:	.120 mil (3mm)
Wearlayer:	Clear Rigid, High-Density PVC of .30 Mil
Packaged:	36 s/f per carton
Approximate Weight:	30 lbs per carton
Surfaces:	Tick
Edge Treatments:	Square
Standard Colors:	11 plus custom colors*
Slip Resistance:	D-2047-82 Static Coefficient of Friction on wet and dry surfaces
Critical Radiant Flux:	ASTM E-648 .45 Watts/cm ² or less; NFPA 101 Life Safety Code Class I Passes
Recommended Static Load:	285 lbs. per square inch
Smoke Generation:	ASTM E-662 450 or less in flaming mode, Passes
Flame Spread:	75 or less (ASTM E-84) Class B Passes

ULTRAPLANK

Construction:	Solid Vinyl Tile
Standard Sizes:	4" x 36" and custom
Gauge:	.120 mil (3mm)
Wearlayer:	Clear Rigid, High-Density PVC of .30 Mil
Packaged:	45 s/f per carton
Approximate Weight:	47 lbs per carton
Surfaces:	Tick
Edge Treatments:	Slight Bevel
Standard Colors:	16 plus custom colors*
Slip Resistance:	D-2047-82 Static Coefficient of Friction on wet and dry surfaces
Critical Radiant Flux:	ASTM E-648 .45 Watts/cm ² or less; NFPA 101 Life Safety Code Class I Passes
Recommended Static Load:	285 lbs. per square inch
Smoke Generation:	ASTM E-662 450 or less in flaming mode, Passes
Flame Spread:	75 or less (ASTM E-84) Class B Passes

Good Ole Woods/Bamboo

Construction:	Solid Vinyl Tile
Standard Sizes:	4" x 36" and custom
Gauge:	.120 mil (3mm)
Wearlayer:	Clear Rigid, High-Density PVC of .30 Mil
Packaged:	45 s/f per carton
Approximate Weight:	47 lbs per carton
Surfaces:	Tick/Frost/Rustic
Edge Treatments:	Slight Bevel
Standard Colors:	9 and 2 plus custom colors*
Slip Resistance:	D-2047-82 Static Coefficient of Friction on wet and dry surfaces
Critical Radiant Flux:	ASTM E-648 .45 Watts/cm ² or less; NFPA 101 Life Safety Code Class I Passes
Recommended Static Load:	285 lbs. per square inch
Smoke Generation:	ASTM E-662 450 or less in flaming mode, Passes
Flame Spread:	75 or less (ASTM E-84) Class B Passes

RiverRock/DesertDune

Construction:	Solid Vinyl Tile
Standard Sizes:	12" x 12", 18" x 18", and 36" x 36" slabs; custom sizes
Gauge:	.120 mil (3mm)
Wearlayer:	Clear Rigid, High-Density PVC of .30 Mil
Packaged:	45 s/f per carton (12" x 12", 18" x 18"); 90 s/f per carton of 36" x 36" For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f
Approximate Weight:	47 lbs per 12" x 12" or 18" x 18" carton 94 lbs per 36" x 36" carton
Surfaces:	Rock/Granite
Edge Treatments:	Square or slight bevel
Standard Colors:	5 and 5 plus custom colors*
Slip Resistance:	D-2047-82 Static Coefficient of Friction on wet and dry surfaces
Critical Radiant Flux:	ASTM E-648 .45 Watts/cm ² or less; NFPA 101 Life Safety Code Class I Passes
Recommended Static Load:	285 lbs. per square inch
Smoke Generation:	ASTM E-662 450 or less in flaming mode, Passes
Flame Spread:	75 or less (ASTM E-84) Class B Passes

SandStone

Construction:	Solid Vinyl Tile
Standard Sizes:	12" x 18", and 36" x 36" slabs; custom sizes
Gauge:	.120 mil (3mm)
Wearlayer:	Clear Rigid, High-Density PVC of .30 Mil
Packaged:	45 s/f per carton (12" x 18"); 90 s/f per carton of 36" x 36" For larger projects, slabs of 36" x 36" may be put on pallets rather than in cartons with a maximum of 240 slabs = 2,160 s/f
Approximate Weight:	47 lbs per 12" x 18" carton 94 lbs per 36" x 36" carton
Surfaces:	Rock/Granite
Edge Treatments:	Square or slight bevel
Standard Colors:	2 plus custom colors*
Slip Resistance:	D-2047-82 Static Coefficient of Friction on wet and dry surfaces
Critical Radiant Flux:	ASTM E-648 .45 Watts/cm ² or less; NFPA 101 Life Safety Code Class I Passes
Recommended Static Load:	285 lbs. per square inch
Smoke Generation:	ASTM E-662 450 or less in flaming mode, Passes
Flame Spread:	75 or less (ASTM E-84) Class B Passes

**In the Event Series, custom colors require a minimum order of 10,000 S/F per color.*

INSTALLATION

Commercial & Residential

There are three (3) basic requirements necessary to assure a long lasting, attractive Centiva® floor:

1. Proper Subfloor Preparation
2. Installation
3. Adhesives

The following guidelines will help to ensure complete satisfaction with your installation by fulfilling these requirements. Centiva tiles and planks are suitable for surfaces on above and below grade. Centiva can be installed over concrete or wood subfloors.

1.0 SUBFLOOR PREPARATION

1.1 Testing

A calcium chloride test (moisture test) is essential on all concrete floors. This test should be performed in several areas: the perimeter of the room, at columns, and wherever else moisture might occur. The moisture level from the concrete should not exceed 3.0 lbs./1000 sq. ft. in a 24 hour time period. If the concrete exceeds the moisture limitations, the installation should not proceed until the problem is corrected. A moisture problem can be corrected by sealing the concrete with any of the many brands of concrete sealers available. After the sealer has been applied, always retest to ensure that the problem has been corrected. A moisture test indicates the conditions at the time of testing only. The flooring contractor cannot be held responsible if the moisture appears in the future causing adhesive failure. A new concrete floor contains a high percentage of moisture; therefore, it must be allowed adequate drying time. This drying time normally requires 28 to 30 days, but it can vary depending on several conditions such as the type of concrete used, average air temperature, and the thickness or location of the slab.

1.2 Preparation New Floors

Underlayment panels can be used to correct deficiencies in the subfloor and to provide a smooth, sound surface for Centiva tiles and planks.

There are numerous suitable underlayment panels such as Structurwood, Multiply, and Masonite brand underlayments. The most common of these is 1/4" APA underlayment grade plywood. Particleboard, strand board and flake board are NOT RFCI recommended underlayments; therefore, they are not recommended as a subfloor for Centiva tiles and planks.

Always fasten underlayment panels in accordance with the manufacturer's recommendations because any failure of the underlayment or Centiva flooring as a result of the underlayment is the responsibility of the underlayment manufacturer and installer. Suitable underlayment with a fully sanded surface and a minimum thickness of 1/4" is preferred. Always make sure that the subfloor is free of any foreign material such as dust, grease, oil, polish, and loose material that may cause staining, telegraphing, or adhesive failure.

Concrete subfloors are acceptable as long as the concrete's moisture content is within the specified parameters.

A Portland based patching compound or leveler should be used to cover seams, cracks, indentations, and subfloor irregularities. Calcium sulfate/plaster/gypsum based compounds are NOT recommended as they may harbor and promote mildew growth, offer poor bond and adhesion strength, and/or have low indentation resistance.

1.3 Preparation Existing Floors

Centiva vinyl tile or planks contain no asbestos fibers. When removing existing resilient floor coverings, carefully observe the following warning:

Existing resilient floor coverings and black asphalt adhesive may contain asbestos. Improper procedures used to remove these products could release asbestos fibers into the air. Asbestos fibers, if inhaled, may cause serious bodily harm. Do not sand or dry scrape these materials. A preferred alternative to removal is to install a new floor over the old asbestos-containing floor whenever possible. If removal of existing floor covering is necessary, be sure that all precautions are taken and proper procedures are followed. For information regarding proper removal procedures, please consult Centiva or the Resilient Floor Covering Institute, 401 East Jefferson Street, Suite 102, Rockville, MD, 20850, phone: 301-640-8580. Check state and local laws regarding removal of asbestos-containing materials.

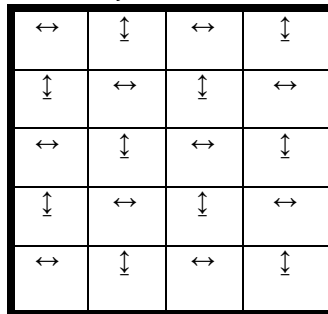
After removing existing flooring, make sure to remove also old cutback adhesive, grease, wax, or other foreign matter. Painted and/or varnished surfaces must be sanded and dust free. In some cases old concrete subfloors must be shot blasted and a floor leveler should be applied prior to installation. Poor subfloor preparation may telegraph later on through the Centiva flooring causing visible irregularities. Between floor prep and start of installation, make sure to keep the floor dry, free from dirt, dust and grit.

2.0 INSTALLATION

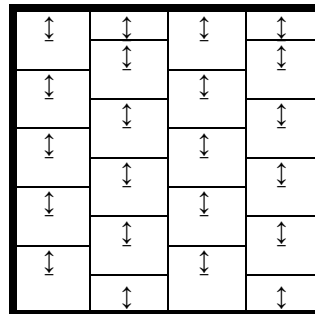
Before any installation takes place, please read the following information carefully:

- All Centiva tiles and planks should be present at the jobsite for 48 hours at a temperature between 68-72 degrees F in order to acclimate properly. Avoid installations with temperatures above 80 degrees F and below 60 degrees F. All Centiva tiles and planks are duplications of natural or real products; therefore, shades and pattern variations will occur.
- The **Classic Series**, including Coral Reef, Magics, Italian Style Marble, Concrete and New Terrazzo, achieves its natural and realistic appearance through its variations. The Centiva Classic Series is a non-directional floor tile! The product should be pre-blended before installation begins. This is similar to shuffling a deck of cards, and the purpose is to make the different shades and patterns occur at random. As larger the floor tile (12" x 12", 18"x 18" or 36"x 36") less blend is possible in ratio to the size of the room.
- The **Event Series** with its products Ultrastone (Plaza, Rialto and Terra), Ultraplank, Plankwood and Harmony Line is a multi-layered, solid vinyl tile and plank with a film photographic design and high density commercial wear layer of .30 mil (0.8 mm metric). Please pay attention to the backside of the tile of Ultrastone. Plaza and Rialto have as standard a frost finish surface. Due to light reflection, shine difference could occur if the tiles do not get placed in a certain direction. Therefore we recommend the following installation pattern:

Cross Joint Installation



1/2 Off Installation



Remember:
This procedure is recommended only for tile in the Event Series with frost finish (FR) **only**. (Standard for Ultrastone Plaza and Rialto)

2.1 Calculating

The number of tiles you will need:

Measure the room's length and width. Multiply the width times the length to get the square footage. Measure all offsets and alcoves separately, and add the square footage for each area to arrive at the total square footage. All Centiva products come standard in three sizes: 12-inch squares, 18-inch squares and 36-inch squares. Each 12-inch tile covers one square foot, so when you figure the number of square feet in the installation area, you already know how many tiles you need. Add 5% allowance for cutting waste and always round up to the next full carton (45 sq. ft.).

An 18-inch tile covers 2.25 sq. ft. Simply take your total square footage and divide it by 2.25. Again, add 5% for waste.

A 36-inch slab covers 9 sq. ft. Slabs are mostly used for larger applications and waste should be considered between 5 – 8%. Slabs are boxed in 90 sq. ft. cartons.

Centiva also offers other sizes, such as 9" x 9", 12" x 18", 12" x 36", and 18" x 36".

2.2 Feature Strips:

Feature Strips around a tile are easy to calculate.

You will need 2 linear ft. for each 12-inch tile

“ “ “ 3 linear ft for each 18-inch tile

“ “ “ 6 linear ft for each 36-inch slab

To figure out quantity on Centiva Floor Design patterns please ask your Centiva representative or call 1-800-633-3380.

2.3 Laying Out The Job Site Using Centiva Classic And Event Series Tiles or Slabs

Carefully determining where to begin your tile installation results in the most professional looking job. Always try to end up with at least half a tile at each wall for best appearance.

Follow these steps:

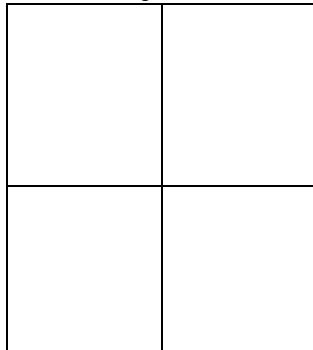
1. Treat the room as rectangle, disregarding offsets, alcoves, etc. Find the center points of the two end walls and strike a chalk line between them.

Figure 1.



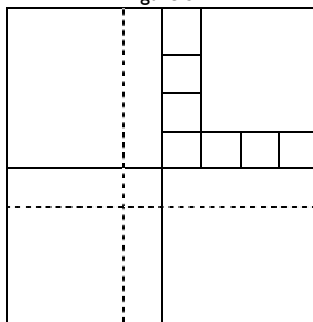
2. Find the center of the chalk line, using T-square or a Centiva tile to line up. Strike a second chalk line at right angles to the first one. The room is now divided into four equal parts.

Figure 2



3. Starting in center of room where the two chalk lines intersect, loose lay several tiles in a row to one end of wall and a second row to a sidewall. Measure distance from last tile to wall. If it is less than half a tile, move centerline on half a tile nearer the opposite wall. Do this in both directions.

Figure 3

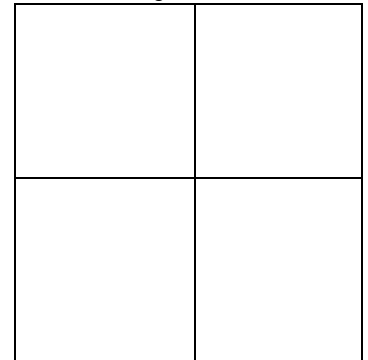


2.4 Diagonal Layout For Centiva Classic And Event Series Tiles Or Slabs

Extra measurements and guidelines are needed for diagonal installations. A sketch is useful for any complicated installation. Follow these guidelines for diagonal installations:

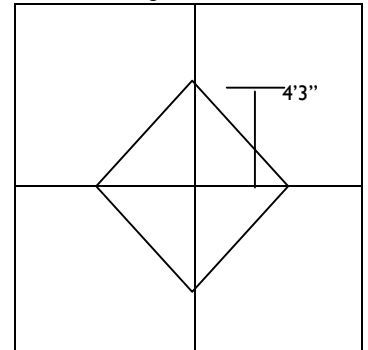
1. Divide the room into equal quarter sections and adjust the same way you would for normal installations.

Figure 1.



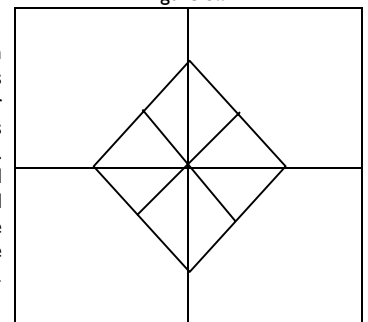
2. Measure and mark a point 4'3" from the center point on each centerline. Snap a chalk line to connect the four new points.

Figure 2.



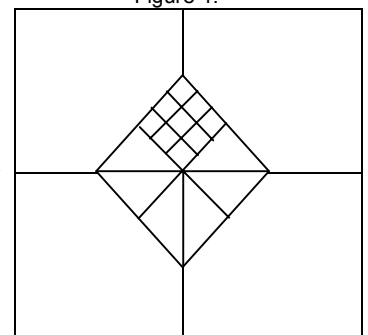
3. Mark the midpoint on the new guidelines and snap another chalk line to its opposite midpoint. These lines should intersect the original center point or the measurements will be incorrect.

Figure 3..



4. Use the guidelines for the installation. Nine 12-inch tiles, four 18-inch tiles or one 36-inch slab will start towards all four directions.

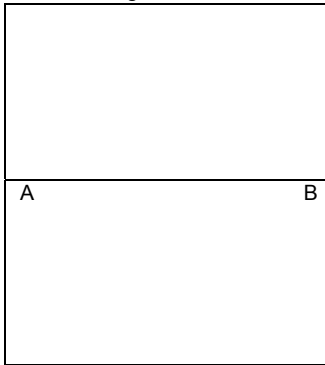
Figure 4.



2.5 Layout Of Room Using Centiva Event Series Ultraplank, Plankwood, Good Ole Woods Or Bamboo

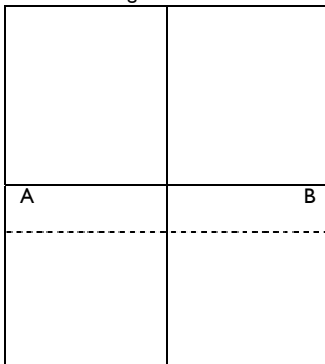
Find the center point of the room. Strike a line (A-B).

Figure 1.



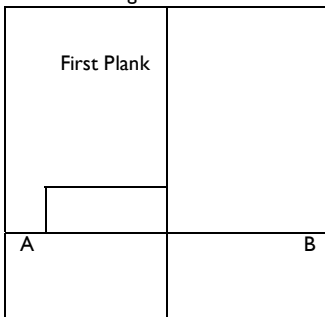
Obtain a true 90° angle by using a carpenter's square. Strike a second line, which will divide the room into four equal parts. Measure the distance from the center to the wall parallel to the direction of the plank. Divide that measurement by the width of a plank (3"). If less than half a plank (1 1/2") remains as the border plank, adjust the point by 1 1/2". This will give a large border along the wall and reduce the chance of having to cut a small sliver of flooring to place along the wall.

Figure 2.



Centiva Vinyl Plank features beveled and square edges to accent individual planks and create a distinct plank effect. For this reason, anytime you make a cut, you will want to place that cut edge along a wall. Placing a cut edge against the uncut edge of another piece of flooring will not look natural or realistic. However, for special patterns, the floor may be installed cut edge to cut edge and beveled edge to beveled edge for a consistent and finished look.

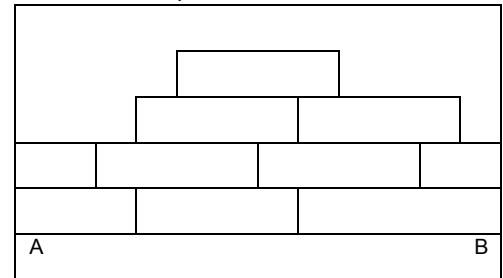
Figure 3.



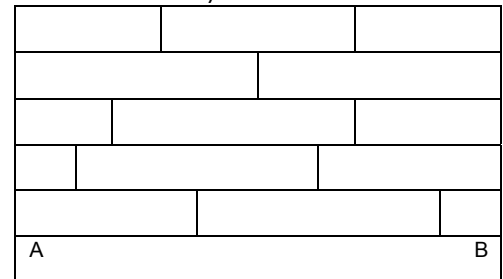
2.6 Laying Of The Plank

Spread adhesive following the specific recommendations for the adhesive outlined in the Adhesives section of the manual. Place the first piece of plank at the junction of the chalk lines. Continue to lay the plan, making sure each plank is flush against the chalk line and tight against the adjoining plank. Make sure the plank is well seated into the adhesive, paying special attention to the edges. Lay row by row, or in a pyramid fashion.

Pyramid Fashion

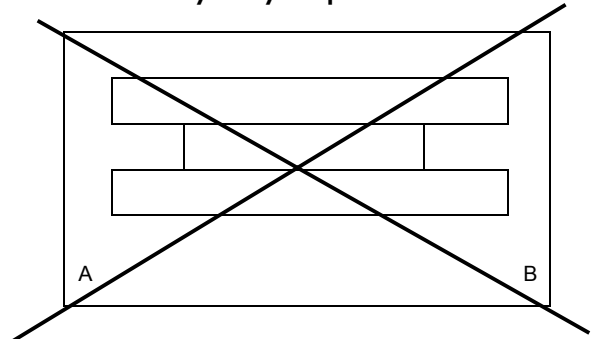


Row by Row Fashion



*Row by row fashion installation specially recommended when using IFA D-2001 Wet Set Adhesive.

This is the incorrect way to lay the plank!



Fitting the Border:

Measure the distance from the last plank in the row to the wall. Mark the plank and cut it against the mark. Lay the plank in place, making sure the cut edge is against the wall.

Fitting Around Irregular Objects:

Make a pattern out of heavy paper to fit around pipes and other irregularities. Place the pattern on the plank, trace, cutting along the trace lines with scissors or a sharp knife. Place the cut plank into position.

The manufacturer or supplier will not be liable for any loss, damage, or complaint of any kind if the specific procedures in the Installation Guidelines are not followed.

2.7 Useful Installation Tips:

- Intricate cuts around door frames, cabinets, transitions, etc. It is always recommended to fit in prior to spreading adhesive. See also adhesive pages.
- Have several clean white cloths and a container of denatured alcohol or mineral spirits available for cleaning off excess adhesive from the tile as you work. Any excess adhesive must be removed from the tile surface, in between tile seams, or the surrounding area **WHILE STILL WET**. IFA's D-2001 and IFA PS-5000 may be cleaned with soap and water while still wet, **BUT** IFA's EP-2000H may only be cleaned with mineral spirits or denatured alcohol **WHILE STILL WET**. **DO NOT ALLOW ADHESIVE TO DRY ON TILE SURFACE**. To obtain best results, dampen a clean cloth with cleaner and gently rub areas as to not move the tiles out of place. Do not saturate the area with cleaner and make sure that you clean up any excess cleaning solution as you go.
- Never begin installation when all necessary tools are not available. (straight edge knife, curved edge knife, ruler, trowel, roller, etc.)

2.8 CFD (Centiva Custom Floor Design)

- Please contact your Centiva representative for more information.

3.0 ADHESIVES

IFA recommends all tiles and planks be installed with IFA adhesives only. Please choose the following adhesives that apply to your specific job specifications. Attention: The use of dry set IFA PS 5000 is for installation of the Event Series only. IFA PS 5000 is not to be used for Centiva Classic Series.

3.1 QUICK, HANDY ADHESIVE REFERENCE GUIDE

Adhesive	D-2001	PS-5000	EP-2000
Installation	wet set	pressure sensitive, dry set	epoxy mix
Sub-floor	Porous only	porous or non-porous	porous or non-porous
Over old vinyl	No	Yes	Yes
Trowel size	1/16x1/16x1/16 sq. notch	Porous - 1/16x1/16x1/16 V-notch or roller Non-porous - 1/32x1/32x1/32 V-notch or roller	1/16x1/16x1/16 sq. notch
spread rate	~125 sq. ft. per gallon	~220-260 sq. ft. per gallon	~110 sq. ft. per gallon
open time	20 minutes	2 hours	varies
roller	100 lb.	100 lb.	150 lb.
max. moisture	3 lbs/1,000 s.f. in 24 hours	3 lbs/1,000 s.f. in 24 hours	3 lbs/1,000s.f. in 24 hours
Centiva Floor	Classic or Event	EVENT ONLY	Classic or Event

3.2 IFA D-2001 Vinyl Plank & Luxury Vinyl Tile Flooring Adhesive

Description & Data:

IFA D-2001 adhesive is solvent-free, non-flammable, freeze/thaw stable, and nearly odor-free. It can be used where other adhesives might present potential health risks. It is suitable for office buildings, hotels, hospitals, schools, restaurants, nursing homes, etc. IFA D-2001 adhesive contains one or more micro-biocides to inhibit the growth of mold and mildew. IFA D-2001 can be used to install luxury vinyl tile and vinyl plank flooring over porous floors. It exhibits quick grab, excellent moisture resistance, and spreads easily. DO NOT use over existing resilient flooring or painted sub-floors. Not for use over non-porous floors such as sealed concrete, metal, existing sheet flooring, etc. Only IFA adhesive is to be utilized for installing Centiva flooring.

Surface Preparation:

Use on grade, above grade, or below grade (if the floor covering is recommended for below grade installations). May be used over plywood and concrete. Use a high quality latex/Portland cement based-type patching compound to fill or level any irregular areas. The floor must be sound, dry, and free from dirt, dust, old adhesives, grease, wax, or other foreign matter. Painted or varnished surfaces must be sanded and dust-free. Concrete floors must be fully cured, free from dust, moisture, excessive alkalinity, curing agents, and excessive moisture vapor emissions (3 lbs. /1,000 SF/24 hrs.) On- and below-grade concrete must have a satisfactory moisture barrier beneath the slab. Do not use IFA D-2001 where moisture is present in the concrete sub-floor; moisture may retard or prevent the adhesive from setting. If applying over old cutback, all old adhesive must be removed so that the floor is smooth.

Application:

The sub-floor, flooring material, and adhesive should be maintained at a minimum temperature of 68-72 degrees F. for 48 hours prior to, during, and after installation. Apply the adhesive with a 1/16" x 1/16" x 1/16" square notched trowel in small sections. Apply only that amount of adhesive that can be covered in 20 minutes. That open time will vary with the temperature, humidity, and porosity of the sub-floor. For best results let the adhesive tack up before installing the planks or tile but install them before the adhesive skins over or begins to dry. Position planks or tile firmly in the adhesive without sliding them. Check open time periodically by lifting a section just laid to be certain that at least 95% of the adhesive pattern has been transferred to the back of the planks or tile. If the adhesive begins to set up or skin over, scrape it up and re-apply fresh adhesive. Roll each section immediately upon completion with a 100 lb. sectional roller. Re-roll the entire floor after one or two hours. Restrict heavy foot traffic or rolling loads for at least 24 hours. DO NOT WASH OR WAX THE FLOOR FOR A MINIMUM OF 48 HOURS AFTER INSTALLATION.

Limitations:

Store indoors only. Protect from freezing. Adhesive is freeze/thaw stable to 10 degrees F. Prolonged or repeated freeze/thaw cycles should be avoided. Should adhesive freeze, allow to thaw at room temperature and stir well before using. The finished installation must be protected from moisture and/or freezing for a minimum of 48 hours. Not for use over non-porous floors.

Clean-up:

Dried adhesive can be difficult to remove; take care to remove wet adhesive from the surface of the flooring before it dries. Fresh adhesive (and dried adhesive on resilient flooring) can be removed with a soapy, wet cloth. Dried adhesive can be removed from carpet with a non-flammable cleaning solvent.

Coverage:

Approximately 125 square feet per gallon. Coverage will vary with the type of floor covering and job conditions.

Product Specs:

Base: Latex	Color: Cream	Consistency: Medium Paste
Weight: 9.3 lbs/gal	Shelf Life: One Year, Unopened	VOCs: -0- Calculated
Open Time: 20 Minutes		

3.3 IFA PS-5000 Pressure Sensitive Vinyl Tile and Plank Adhesive

Description

& Data:

PS-5000 adhesive is solvent-free, non-flammable, freeze/thaw stable, and nearly odor-free. It can be used where other adhesives might present potential health risks. It is suitable for office buildings, hotels, hospitals, schools, restaurants, nursing homes, etc. PS-5000 adhesive contains one or more micro-biocides to inhibit the growth of mold and mildew. PS-5000 should be used to install Centiva Vinyl Products Event Series and Harmony Line. (ULTRASTONE, ULTRAPLANK, PLANKWOOD, GOOD OLE WOODS, BAMBOO, RIVER ROCK, DESERT DUNE AND SANDSTONE.) UNDER NO CIRCUMSTANCES SHOULD IFA PS-5000 BE USED FOR THE CENTIVA CLASSIC SERIES. It spreads easily, exhibits quick grab, and has excellent resistance to moisture and plasticizer migration. Only IFA adhesive is to be utilized for installing Centiva flooring.

Surface

Preparation:

Use on grade, above grade, or below grade (if the floor covering is recommended for below grade installations). May be used over plywood, concrete, terrazzo, steel, and well-bonded, wax-free floor coverings. Use a high quality latex/Portland cement based-type patching compound to fill or level any irregular areas. Never sand resilient floors; they may contain asbestos. The floor must be sound, dry, and free from dirt, dust, old adhesives, grease, wax, or other foreign matter. Concrete floors must be fully cured, free from dust, moisture, excessive alkalinity, curing agents, and excessive moisture vapor emissions (3 lbs. /1,000 SF/24 hrs.) On- and below-grade concrete must have a satisfactory moisture barrier beneath the slab. Do not use PS-5000 where moisture is present in the concrete sub-floor; moisture may retard or prevent the adhesive from setting. May be used over old cutback adhesive provided that the old adhesive is removed and the floor is smooth.

Application:

The adhesive, tile, and room should be maintained at a minimum temperature of 68-72 degrees F. for 48 hours prior to, during, and after installation. For porous sub-floors apply the adhesive with a 1/16" x 1/16" x 1/16" V-notched trowel; for non-porous sub-floors use a 1/32" x 1/32" x 1/32" V-notched trowel. Immediately after spreading the adhesive, roll it with a short nap roller dampened with adhesive to flatten the adhesive ridges. This procedure will ensure that the trowel notch pattern does not telegraph through to the finished floor. When using the "wet method" of installation test the adhesive to see if it has "strings" and is moist to the touch before installing the floor covering. Check periodically to make sure there is full transfer to adhesive to the back of the floor covering. When using the "tacky" method of installation, allow the adhesive to become tacky before beginning the installation (adhesive should not transfer to the finger when touched). That set-up time will vary with the temperature, humidity, and porosity of the sub-floor. To test, touch the adhesive lightly; if it does not transfer to your finger, proceed with the installation. Place the tiles into the adhesive within two hours of spreading. (Place carefully and accurately because the tiles cannot be repositioned easily). Within an hour of installation roll the entire floor with a 100 lb. roller. Roll at least twice, once in each direction. Restrict heavy foot traffic or rolling loads for at least 24 hours.

Limitations:

Store indoors only. Protect from freezing. Adhesive is freeze/thaw stable to 10 degrees F. Prolonged or repeated freeze/thaw cycles should be avoided. Should adhesive freeze, allow to thaw at room temperature and stir well before using. The finished installation must be protected from moisture and/or freezing for a minimum of 48 hours.

Clean-up:

Dried adhesive can be difficult to remove; take care to remove wet adhesive from the surface of the tiles before it dries. Fresh adhesive can be removed with a soapy, wet cloth. **DO NOT FLOOD. DO NOT USE SOLVENTS AS CLEANING AGENTS. DO NOT ALLOW ADHESIVE TO DRY ON FLOOR COVERING BECAUSE EFFORTS TO REMOVE IT MAY CAUSE DAMAGE TO THE FLOOR COVERING.**

Coverage:

Approximately 220-260 square feet per gallon. Coverage will vary with the type of floor covering and job conditions.

Product Specs:

Base: Acrylic Latex	Color: White	Consistency: Thin Paste;	Weight/Gal: 8.45 lbs.
Shelf Life: One Year, Unopened;		VOCs: -0- Calculated	Open Time: 60 Minutes

3.4 IFA EP-2000 Epoxy Adhesive (Solvent Free)

Parts A & B

Description

& Data:

IFA EP-2000 adhesive is solvent-free, non-flammable, and nearly odor-free. It can be used where other adhesives might present potential health risks. It is suitable for use in office buildings, hotels, hospitals, schools, restaurants, nursing homes, etc. IFA EP-2000 is recommended for the installation of vinyl flooring products on approved sub-floors. It is especially recommended for use on non-porous sub-floors.

Surface

Preparation:

Use on grade, above grade, or below grade. IFA EP-2000 may be used over structurally sound surfaces of plywood (sealed), hardboard, concrete, and terrazzo. Use a high quality latex/Portland cement-type patching compound to fill or level any irregular areas. The floor must be sound, dry, and free from dirt, dust, old adhesives, grease, wax, or other foreign matter. Concrete floors must be fully cured, free from dust, moisture, excessive alkalinity, curing agents, and excessive moisture vapor emissions (3 lbs. /1,000 SF/24 hrs.). On- and below-grade concrete must have a satisfactory moisture barrier beneath the slab.

Application:

The adhesive, tile, and room should be maintained at a minimum temperature of 68-72 degrees F. for 48 hours prior to, during, and after installation. A unit of **IFA EP-2000** consists of two (2) parts labeled Part A and Part B. After opening each container use a can opener to cut the rims off both containers. Thoroughly mix Part A and Part B separately. Combine the two (2) parts making sure that ALL of the contents of one can is added to ALL the contents of the second can. Mix the two parts together thoroughly until they are a uniform color. Immediately after mixing the two parts together, pour the contents into an open, flat pan or on the floor (epoxy adhesive cures by chemical reaction; the heat generated by that process reduces the open time and curing is accelerated if left in the can). Spread the adhesive using a 1/16" x 1/16" x 1/16" square notched trowel. After spreading the adhesive lay the tile into it immediately. Check open time periodically by lifting a section just laid to be certain there is transfer of adhesive to the back of the floor covering. The open time will vary with the temperature, humidity, and porosity of the sub-floor*. Use a kneeling board or work off of the tile whenever possible. After installation roll the floor using a 150 lb. sectional roller, first in one direction and then in a direction at a right angle to the first line of direction. **THE FLOOR MUST BE ROLLED BEFORE THE ADHESIVE HARDENS.** Prohibit all traffic for 24 hours after installation to allow adhesive to dry completely.

Limitations:

Store indoors only. Protect from freezing. Full cure takes 48-72 hours; the finished installation must be protected from moisture and/or freezing for a minimum of 24 hours. Avoid traffic over the finished floor for at least 12 hours after installation.

Clean-up:

Epoxy adhesives **cannot** be removed after they set. It is recommended the installer have a bucket of water and a clean cloth close by in order to remove any wet adhesive immediately that may get onto the tile.

Coverage:

Approximately 125 square feet per gallon unit. Varies due to sub-floor porosity and irregularities.

Product

Specification:

Base: Part A-Resin; Part B-Hardener

Consistency: Soft Paste

Shelf Life: One Year, Unopened

Open Time: *35-45 Minutes

Color: Off-White (Combined)

Weight/Gal: 12.5 lbs. (Combined)

VOCs: Less than 30 grams per liter

CHEMICAL AND STAIN RESISTANCE

This test was conducted in accordance with ASTM F 925, Resistance to Chemicals of Resilient Sheet Flooring. By this test, a specified reagent is applied to the surface of the flooring material and allowed to remain in contact for 60 +/- 1 minute. After the exposure of time, the reagent is cleaned from the surface using warm water and the surface dried. Within 5 minutes after removal of the reagent, the material is visually examined and the exposed area compared to the adjacent unexposed area.

The following categories are rated:

- ❖ Surface Dulling—indicating that the specimen suffered a loss of gloss
- ❖ Surface Attack—indicating that the specimen suffered surface damage such as softening, warping, swelling, blistering, peeling, raised, or rough area
- ❖ Color Change—indicating that the specimen suffered discoloring or bleaching or both.

Each category is rated as No Change=NC, Slight Change=SC, Moderate Change=MC, or Sever Change=SC. After 24 hours, the exposed specimens are re-examined and similarly rated.

Chemical	<i>Five Minutes</i>			<i>24 Hours</i>		
	Surface Dulling	Surface Attack	Color Change	Surface Dulling	Surface Attack	Color Change
5% Acetic Acid	NC	NC	NC	NC	NC	NC
70% Isopropyl Alcohol	NC	NC	NC	NC	NC	NC
Mineral Oil	NC	NC	NC	NC	NC	NC
5% Sodium Hydroxide	NC	NC	NC	NC	NC	NC
5% Hydrochloric Acid	NC	NC	NC	NC	NC	NC
5% Ammonium Hydroxide	NC	NC	NC	NC	NC	NC
5.25% Sodium Hypochlorite	NC	NC	NC	NC	NC	NC
5% Phenol	NC	NC	NC	NC	NC	NC
Unleaded Gasoline	NC	NC	NC	NC	NC	NC

PRODUCT WARRANTY

Including 20-Year Limited Wear Warranty

International Floors of America, Inc. warrants that its first line quality flooring material is free from manufacturing defects (workmanship and/or material) and will replace defective floor covering for a period of up to one (1) year from the date of purchase in accordance with the conditions set forth below. If a manufacturing defect is found, the distributor or IFA representative who sold you the flooring material should be notified promptly of the defect and supplied with proof of purchase and the amount of flooring purchased.

Inspection by an authorized IFA representative may be necessary to verify that a manufacturing defect exists, or you may be required to submit samples to the technical laboratory for analysis. IFA will repair defective areas or will supply at no charge, new IFA materials of the same or similar color, design, and grade for the defective areas for a period of up to one (1) year from the date of purchase.

If replacement is required in accordance with this warranty and the defective material or pattern has been discontinued or unavailable, IFA reserves the right to select and supply similar IFA replacement material; otherwise the same material will be supplied for replacement purposes.

Dimensional stability of IFA flooring material is only guaranteed when IFA recommended adhesive is used.

Limited Term Warranty: 20 years. IFA guarantees its product will not wear out for 20 years.

THIS WARRANTY DOES NOT INCLUDE THE FOLLOWING:

1. Dissatisfaction due to improper installation, maintenance, or irregularities caused by the subfloor.
2. Reduction of gloss due to use.
3. Discoloration due to improper maintenance practices, tar/asphalt tracking, water with high mineral and iron content, grease and oil build up from cooking, carpets or mats with rubber backing, dye transfer from rugs or carpets, or ground in dirt.
4. Damage due to stains, burns, cuts, gouges, scuffs, scratches, indentations, improper use of furniture/floor protectors and other accidents or abuse.
5. Problems or damage due to moisture (including fungus discoloration), alkali or hydrostatic pressure in the subfloor.
6. Color variations from samples or printed illustrations compared to the actual production runs.
7. Installation of flooring over particle boards, chipwood, or pressboard.
8. Installations where material was not installed with the recommended IFA adhesive in accordance with IFA's specifications and recommended usage.
9. Installation of IFA's flooring products on grade or below grade concrete subfloors at sea level or below sea level areas with an adhesive other than IFA's recommendation.
10. Installation of IFA tile over existing tile, sheet vinyl or old existing concrete conditions.

This warranty is made solely to the original purchaser of IFA first quality flooring material and is not transferable under any circumstances. This warranty is in lieu of any other expressed warranty. No representative, employee, or agent of IFA Inc. or any other person is authorized to assume for IFA any additional liability or responsibility in connection with IFA's floor covering except as described above. Implied warranties or merchantability and fitness for a particular purpose are limited to a period of one (1) year from the date of purchase. In no event shall IFA be liable for indirect, consequential or incidental damages of any kind.

Claims under this limited warranty must be made in written form and addressed to the following:

International Floors of America, Inc.
1701 Mars Hill Road
Florence, AL 35630

International Floors of America, Inc. reserves the right to update the standard procedures and specifications at any time. For commercial and residential maintenance instructions, please refer to the current maintenance program sheets.

Centiva[®]
by

International Floors of America, Inc.

Headquarters & Factory
1701 Mars Hill Road
Florence, AL 35630
Ph: 256-767-4990
Fax: 256-760-1763

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