

**INSTALLATION:**

**INSTALLATION, GENERAL:**

Installer verification:

All Polyflor materials should be installed by a professional flooring mechanic, preferably one who has attended an installation clinic or a Master Mechanic Training Seminar.

Field verification:

Field verify, prior to installation, exact layout dimensions of all seams, floor patterns, grain directions and insets with Architect. Start of work without Architect approval of field verification is not permitted and unauthorized installations shall be replaced at Contractors expense.

Existing Quarry Tiles: Inspect existing quarry/ceramic tiles for soundness and replace or fill any loose or defective tiles that have lost bond. Thoroughly degrease quarry/ceramic tiles, rinse and allow to dry. Prime quarry tile surface as recommended by the underlayment manufacturer. Apply underlayment following manufacturer's recommended application methods. Trowel and float to leave a smooth, flat, hard surface. Protect from traffic.

Existing Vinyl tiles and black adhesive residue: Remove existing vinyl tiles and black adhesive residue. Seal remaining adhesive using a cementitious underlayment following manufacturer's written instructions.

Wooden sub-floor: Ensure wooden sub-floor is ventilated and required damp proofing is in place. Fix and replace loose boards.

Where moveable partitions are shown, install resilient flooring before partitions are erected.

Install flooring using method indicated in strict compliance with manufacturer's printed instructions. Extend flooring into toe spaces, door reveals and into closets and similar openings.

Scribe, cut and fit resilient flooring to permanent fixtures built in furniture and cabinets, pipes, outlets and permanent columns, walls and partitions.

Maintain reference markers, holes or openings that are in place or plainly marked for future cutting by repeating on finish flooring as marked on subfloor. Use chalk or other non-permanent marking device.

Install flooring on covers for telephone and electrical ducts, and other such items as occur within finished floor areas. Maintain overall continuity of color and pattern with pieces of flooring installed on these covers. Tightly cement edges to perimeter of floor around covers and to covers.



Tightly adhere flooring to subbase without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks or other surface imperfections. Hand roll flooring at perimeter of each covered area to assure adhesion.

#### **INSTALLATION OF SHEET FLOORING:**

Terminate flooring at centerline of door openings where adjacent floor finish is dissimilar.

Install edge strips at unprotected or exposed edges where flooring terminates

Scribe flooring to walls, columns, cabinets, floor outlets and other apparatus to produce tight joints.

Install flooring under movable partitions under open cabinets without interrupting tile/sheet pattern.

Roll flooring using a 100 Lb. roller

Lay sheet flooring to provide as few seams as possible with economical use of materials. Match edges for color shading and pattern at seams in compliance with manufacturer's recommendations.

Adhere sheet flooring to substrates using method approved by flooring manufacturer for type sheet flooring and substrate condition indicated.

Use conventional full spread adhesive method unless otherwise indicated.

Prepare seams in vinyl sheet flooring with installer's special routing tool and heat weld with vinyl thread in accordance with manufacturer's instructions.

Provide integral flash cove base where shown on Room Finish Schedule or drawings, including cove support strip and vinyl top edge strip; construction coved base in accordance with manufacturer's instructions.

On masonry surfaces or other similar irregular vertical substrates, fill voids between top edge strip cove cap and vertical surface with manufacturer's recommended adhesive filler material.

On all floor penetrations, cutouts and edge conditions, such as door frames, fill voids between sheet flooring and other surfaces with sealant recommended by sheet flooring manufacturer.

Transition section at paving junction: Visedge VR by Howie Green is designed to securely anchor the perimeter of vinyl sheet flooring to prevent the ingress of water at the interface with the screed and to protect the ceramic floor edge profile.

Stainless Steel Drain Bars and Square and rectangle Drains and Floor Sinks: At all existing square or rectangle drains and floor sinks, install stainless steel strips with a 45 degree angled cut on each side, mechanically fastened with stainless steel screws and plastic anchors.

Stainless Steel Drain Rings: At all existing round drains, install stainless steel drain rings of type as recommended by the manufacturer of the flooring, drilled and screwed over circular cut edge of flooring, with inside diameter that will allow clean-out plate to be removed after installation. Install by drilling into substrate to accommodate lead or plastic anchors. Fasten tight with beveled head stainless steel screws.

Stainless Steel Transition Strips: At all door transitions, at raw edges of material, at edge transition to a dissimilar material, etc., stainless steel strips must be specified. At no time there should be raw edges on any resilient flooring, as this may cause water to seep under the flooring, emulsify the adhesive and separate the flooring from the sub floor.

*Failure to install and maintain Polyflor products in accordance with recommended procedures can affect the performance of the products. Information and installation booklets are available from your Distributor.*

Polyflor is distributed in the USA exclusively by:



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**INSTALLATION OF ACCESSORIES:**

Apply wall base to walls, columns, pilasters, casework and other permanent fixtures in rooms or areas where base is required. Install base in lengths as long as practicable, with preformed corner units. Tightly bond base to substrate throughout length of each piece, with continuous contact at horizontal and vertical surfaces.

On masonry surfaces, or other similar irregular substrates, fill voids along top edge of resilient wall base with manufacturer's recommended adhesive filler material.

Place resilient edge strips tightly butted to flooring and secure with adhesive. Install edging strips at edges of flooring which would otherwise be exposed.

Stainless Steel Accessories: Place s/s clamping ring around the drain on top of the resilient flooring, marking location of holes to be drilled, using the appropriate type and size drill bit according to the sub-floor, drill holes approximately 2-3" deep. Insert the plastic anchor into the substructure. Place a bead of polyurethane caulking compound or polyurethane adhesive underneath all stainless steel metal rings or bars prior to screwing down over the resilient flooring. Screw down the stainless steel ring or bar with the 2" 2/3 screw provided for this use.

**CLEANING AND PROTECTION:**

Perform following operations immediately upon completion of resilient flooring:

Sweep or vacuum floor thoroughly. No special maintenance is required. Use an impregnated dust control instrument.

Do not wash floor until time period recommended by resilient flooring manufacturer has elapsed to allow resilient flooring to become well adhered.

Spray buffing using a white or lamb's wool pad is also a very effective and economical method of maintaining a high standard of appearance.

Damp mop floor being careful to remove black marks and excessive soil.

Remove any excess adhesive or other surface blemishes, using appropriate cleaner recommended by flooring manufacturers.

Protect flooring against damage during construction period to comply with resilient flooring manufacturer's directions.

Protect flooring against damage from rolling loads for initial period following installation by covering with plywood or hardboard. Use dollies to move stationary equipment or furnishings across floors.

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Cover resilient flooring with undyed, untreated building paper until inspection for Substantial Completion.

Clean flooring not more than four days prior to date scheduled for inspections intended to establish date of Substantial Completion in each area of project. Clean flooring by method recommended by resilient flooring manufacturer.

## RESILIENT FLOORING

09650-7

### EXTRA MATERIALS:

Furnish extra maintenance materials to Owner. Furnish extra materials from same manufactured lot as materials installed. Deliver to Owner enclosed in protective packaging with appropriate identifying labels.

Sheet Flooring: Furnish not less than five linear yards for each type, color and pattern installed.

Resilient Accessories: Furnish not less than ten linear feet for each 500 linear feet or fraction thereof, of each type, size, color and pattern installed.

### END OF SECTION 09650

**THIS SPECIFICATION GUIDE ISSUED IN JANUARY 2003 SUPERSEDES ALL PREVIOUS POLYFLOR SPECIFICATION GUIDES.**

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