

FORMIS™

FULLY INTEGRATED SOLID SURFACE FLOORING

Installation and Maintenance Guide

Adhesive Application & Specifications

Product	Concrete & APA Approved Plywood	Radiant Heated Floors	Non-Porous Substrates
3" x 36" Plank 4" x 36" Plank* 6" x 36" Plank 9" x 36" Plank *Standard Size	To Market Super PSA or TM Wet Set Commercial	TM Wet Set	To Market Super PSA or TM 2 Part Epoxy for Heavy Commercial
12" x 12" Tile 16" x 16" Tile 18" x 18" Tile* *Standard Size	To Market Super PSA, Residential or Commercial TM Wet Set Commercial	TM Wet Set	To Market Super PSA or TM 2 Part Epoxy for Heavy Commercial

Important Tips:

- All Concretes (old or new) should be tested for possible moisture.
- Underlayments should be APA underlayment grade. Use only Portland-Cement base patching and leveling compounds.
- Room temperature should be between 65° and 85° Fahrenheit. Maintain proper temperature for 48 hours before and after installation.
- Materials and Adhesive should be allowed to acclimate for a minimum of 24 to 48 hours. Use only the appropriate To Market® Adhesive.
- All installations must be rolled with a minimum 100 lb roller.
- Any variance from this chart needs to be approved by To Market® Customer Service at (866) 772-4772.
- All installations under hospital type (Hillrom) beds requires the use of the To Market® 2 Part Epoxy Adhesive.

To Market® Super PSA Product Data Sheet Specification:

- Base:** Synthetic Acrylic Latex
- Color/Consistency:** Creamy White / Creamy Paste
- Coverage:** Approximately 160 square feet per gallon over porous and non-porous sub-floors using a 1/16" Square notch trowel.
- Working Time:** 2 Hours after adhesive turns dry to the touch (clear).
- Packaging/#:** 1 gallon buckets (MSS-Solidity), 4 gallon pails (MSS-Solidity G)
- Shelf Life:** One year unopened in original container
- Solvent:** Water
- Storage:** Freeze/thaw stable to 0° F. However, freezing can inhibit adhesive performance. Avoid very low temperatures and frequent freeze/thaw cycles.
- Weight:** 8½ lbs per gallon
- VOC:** Zero calculated. Non-photo chemically reactive

Product Description:

To Market® Super PSA is a solvent-free pressure sensitive vinyl tile adhesive specifically manufactured and formulated to install FORMIS™ Tiles and Planks on both porous and non-porous floors. To Market® SUPER PSA provides excellent

water resistance up to 5 pounds per 1000 Square Feet., ease of Installation and extremely high bond strength with excellent resistance to plasticizer attack.

Subfloor preparation: Floor must be structurally sound, dry and free from dust, dirt, wax, paint, grease, or other contaminants. If residual adhesive is present, it must be completely scraped to the bare subfloor. Follow manufacturer recommendations when using cementitious underlayments. Use a high quality Portland cement-based patching compound to fill or level any irregularities in the subfloor. A minimum of 24 hours is recommended for full curing of leveling and patching compounds.

Application: Installation on both porous and non-porous substrates requires, that the adhesive be spread utilizing a 1/16 x 1/16 x 1/16 square notch trowel. This Adhesive should be allowed to dry to the touch (clear) with the flooring installed immediately. Time for the adhesive to dry to the touch is approximately 45 to 60 minutes but may vary based on climatic conditions. If dry time becomes a concern on non-porous applications, the trowel recommendation can be reduced to a 1/16 x 1/16 x 1/16 V notch trowel. For tile more than 1/8th in gauge, only use a square notch trowel. The tile should be placed into the adhesive within 2 hours after dry to the touch. Place carefully and accurately because tile cannot be repositioned easily after placement. Roll each section immediately, in both directions, upon completing with a minimum 100 lb., three-section flooring roller, then re-roll entire floor, in both directions within one hour. A hand roller must be used in areas that cannot be reached with a big roller. Be sure to sweep floor clean prior to rolling it. Prohibit all traffic for 24 hours after installation. **Do not replace heavy furniture or fixtures, wash or wax the floor for a MINIMUM OF 48 HOURS AFTER INSTALLATION.**

Clean up: Remove any excess adhesive immediately with soap and water; Dried adhesive can be removed with mineral sprits.

Note: Test floor for vapor emissions in accordance with the anhydrous calcium chloride ASTM Test Method.

Vapor emissions should not exceed five pounds per 1,000 square feet in a 24-hour period.

Please make sure to determine that there are not any sealers or substances on the concrete that might prevent proper moisture testing.

Test for excess alkalinity, pH higher than 9.0 will require corrective measures.

To Market® 2 Part Epoxy Product Data Sheet

Product Description:

To Market® 2 Part Epoxy is a solvent-free, chemically curing 2-part epoxy adhesive specifically formulated for the installation of rubber and vinyl flooring coverings over porous and non-porous surfaces.

The To Market® 2 Part Epoxy is recommended over wood floors and dry concrete floors above, on or below grade where moisture is not a problem. Follow To Market® recommendations and industry standards regarding subfloor preparation.

Sub-Floor Preparation: We require that moisture tests be performed on all concrete sub-floors regardless of grade level or whether or not the concrete is freshly poured or is classified as an older slab. Moisture testing should be performed by ASTM F-1869 Calcium Chloride Tests with moisture levels not to exceed three (3) pounds per twenty-four (24) hours per (1000) square feet.

Application: All surfaces must be clean, dry, free of dust, grease, paints, oils, curing compounds, sealers or any other foreign material which may interfere with proper adhesion.

Cracks and uneven surfaces must be filled with cement based patching compound. Before, during, and 48 hours after the installation a temperature of 65° - 85° F must be maintained.

The packaged epoxy units are marked A and B.

Mix entire contents of Part B into the Part A container with a rotary motion while at the same time lifting from the bottom. Mix until smooth and uniform in color (no streaking). Adhesive will not cure if not thoroughly mixed. Mixed adhesive has a pot life of 30-45 minutes.

Higher temperatures will result in a shorter pot life.

Immediately pour the entire mixture of the EX-4000 contents out of the can onto the subfloor.

DO NOT let the mixed epoxy adhesive stand in the can.

Trowel with a 16" x 1/16" X 1/16" square notched trowel.

Spread rate is approximately 100 square feet per gallon.

Flooring material must be installed into the wet adhesive prior to the adhesive setting.

Check for full adhesive transfer to the back of the floor covering.

If the adhesive is dry to the touch and does not transfer, **DO NOT INSTALL** the flooring material.

Once the flooring has been installed, it immediately must be rolled diagonally in both directions with a 100 lb, 3-section roller. A hand roller must be used in areas that cannot be reached with a big roller.

Use a steel hand roller before in areas that cannot be reached by a large roller.

Roll a second time before the adhesive sets, generally 1-2 hours, depending on ambient room conditions.

Direct sunlight or heat from an external source will speed up the set of the adhesive.

NOTE: Lower temperature will result in longer cure times. Avoid all traffic for 24 hours after the installation. Wait 48 hours before allowing heavy traffic.

Clean-Up: After the installation, remove all excessive adhesive before it cures. Use a cloth dampened with mineral spirits.

(CAUTION: If a flammable solvent is used, avoid all sources of heat, sparks or open flames and use with adequate ventilation.)

Do not allow solvent to penetrate the seams, this can destroy the adhesive bond. Once the epoxy adhesive has cured, it cannot be easily removed. Dried adhesive generally will require abrasion or scraping, possibly damaging the floor covering surface.

FOR more information refer to **Material Safety Data Sheet** which is available by request from To Market® Technical Service Department (800-604-4046).

KEEP OUT OF REACH OF CHILDREN.

Installation, Subfloor and Underlayment requirements

Approved subfloors

Concrete: The concrete must be free of any curing compounds or adhesives. Even after old glued down carpet has been removed, and the subfloor has been scraped, it should NOT be assumed that the concrete is porous. Often the old adhesive has sealed the floor. A porosity test, using water, should be taken. Be aware that porous subfloors may take a different adhesive than non-porous subfloors. See adhesive instructions. If oil, grease, or other contaminants have deeply penetrated the concrete, and cannot be thoroughly removed, FORMS™ cannot be installed. If latex liquid has been used to seal off old cutback adhesives, the concrete has become non-porous.

Lightweight Concretes: Concretes in the lower end of this range are generally used for thermal and sound insulation fills for roofs, walls, and floors. The higher densities are used in cast-in-place walls, floors, roofs, and for pre-cast elements. The minimum density of the concrete should be greater than 90 lbs per cubic foot. The minimum compressive strength should be 3,500 psi or greater. Gypsum-based concretes are not recommended. If installing over gypsum or other forms of light concrete always apply an Acrylic based Primer-Sealer coat before troweling adhesive.

Wood Subfloors: Should be standard double layer construction, with a finished thickness of at least 1" and should have 18" of well ventilated air space underneath. Crawl spaces should be insulated and protected by a vapor barrier. Do not install vinyl flooring over a sleeper type subfloor, or over plywood that is directly over a concrete slab.

Approved Underlayments:

Plywood: Use only American Plywood Association (APA) underlayment grade plywood—minimum ¼" thickness. Allow expansion spacing between plywood butt joints of 1/32"–1/16". When installing underlayment, stagger cross-joints 4' on an 8' panel (minimum 16"), lightly butt the panels, and set fasteners flush or slightly below the surface level of the underlayment. Fill underlayment seams, nail holes and any indentations with an approved Portland cement-type floor patch, allow recommended drying time, sand the patch smooth, vacuum or sweep and apply adhesive (all dust must be completely removed to ensure a strong

adhesive bond). Sand filled when patching material has cured. Manufacture-certified Poplar, Birch and Spruce plywood underlayment, with a fully sanded face and exterior glue can also be used.

Lauan Plywood: When used as an underlayment, it should be Type 1 (exterior grade). The best grade is BB and the next is CC. No lesser grades are acceptable. There is a wide variety of quality and species classes as lauan. Some may present severe problems such as discoloration, indentation, loss of bond and delaminating when used as an underlayment.

Note: Extremely porous underlayments such as lauan as well as any other extremely porous wood or particleboard will reduce the flash and working time of adhesives. It is best to use an Acrylic Based Primer-Sealer coat to these products. If a claim results where lauan underlayment has been used, a manufacturers certification of lauan grade must accompany the claim

Non-Approved Substrates

Non-approved substrates include, but are not limited to: Oriented strand board (OSB), particleboard, hardboard, treated plywood, strip wood floors, chipboard, waferboard, Masonite, knotty plywood, glass mesh tile boards, cementitious tile backer boards, fire-retardant or preservative-treated plywood, asphalt tile, rubber tile, self-stick tile. **NOTE: Any appearance or performance-related problems related to the underlayment are the responsibility of the installer and/or underlayment manufacturer.**

Radiant Heat

Subfloors should have operated for at least 3 weeks prior to installation to drive out moisture and calibrate temperature settings. All radiant heat floors should be turned off 3 days prior to installation and remain off for at least 6 days after installation to allow the adhesive to fully cure. Maximum operating temperature should never exceed 85°F. Radiant heat components must be a minimum of ½" separated from adhesive and tile.

Quarry Tile, Terrazzo, and Ceramic Tile

Properly cleanse substrate using a commercial degreasing/dewaxing solution. Grind any highly polished or irregular surfaces. Fill any low spots, holes, chips and seams that may telegraph through the new flooring.

Material Handling and Storage

All FORMS™ Tiles must be stored in a warm, dry area. Do not expose to very hot or cold temperatures. It is required that you adapt materials to jobsite conditions a minimum of 24 to 48 hours before scheduled installation. FORMS™ Tiles must be stored laying flat with cartons never on their edges. Check to make sure color and lot numbers are the same on jobs requiring more than one box on tile. Mix tile from several different cartons to blend minor shade variations.

Temperature

Flooring and subfloor room temperature should be between 65° and 85° Fahrenheit. Maintain proper temperature for 48 hours before and after installation. After that, maintain a minimum 55° F temperature. The building's heating and air-conditioning system should be turned on at least one week before installation. Failure to follow these guidelines may result in an installation failure (i.e. flooring may expand or contract resulting in gapping).

Moisture

Never install Metroflor vinyl wherever surface or subfloor moisture is present. Excessive moisture will cause failure. New concrete slabs must cure for a minimum of 90 days. Even existing concrete slabs can have moisture problems. To be sure, conduct a moisture test several days before installation. The installer is responsible for moisture testing. See adhesive buckets for details. MOISTURE GUIDELINES FOR THE FLOOR COVERING INDUSTRY available from the World Floor Covering Association, at 1-800-624-6880.

pH Levels

Moisture can directly affect the cure, set and bond of adhesives. On well-cured adhesives, the presence of pH values has proven to be the most significant factor in adhesive failures. It is vital that moisture be present for pH to be a factor. High pH levels are due to cement, type of aggregate, cement ratio of concrete and how well cured the concrete surface is. On new or existing concrete a pH test should be taken. A pH level above 9 is unacceptable, and the floor should not be installed.

Porosity

A non-porous substrate is one which does not absorb water. If you are not sure whether a floor is porous or non-porous, sprinkle some water on the floor over several different areas. If the water beads up, then it's a non-porous floor. If it soaks in,

it's a porous floor. Use a small amount of water for the test, and allow floor to completely dry before continuing. If a bare concrete floor is not porous, a sealer or curing compound may have been used. Such treatments should be removed before installing a new floor or underlayment, and the floor re-tested for porosity at that time.

HVAC

Air conditioning is recommended whenever possible and at comfortable levels as moisture is removed constantly and this will provide for a drier atmosphere that affects the adhesion to the subfloor favorably. However in hot and humid climates the air conditioning can cause condensation in the floors so that the subfloor must have a moisture barrier beneath the slab or in the crawl space.

Subfloor Preparation

In general, all substrates must be free of contaminants such as dirt, weak concrete, grease, wax, oil, sealers, paints, curing compounds, and old adhesives. The surface should be leveled to within 1/8 inch in ten feet; and all construction seams, expansion joints, and holes should be filled level with the surrounding surface to eliminate telegraphing of such irregularities.

Removing Old Adhesives

Old asphaltic "cut-back" adhesives can destroy new adhesive and stain To Market® vinyl. These must be completely removed, encapsulated or covered with plywood underlayment. Be sure to remove adhesive in dips, joints, etc. Some previously manufactured cut-back adhesives contained asbestos fibers, which are not readily identifiable. Do not use power removal devices, which can create dust. The use of solvent-based adhesive removers is not recommended. NOTE: If d-limonene (citrus-based) cleaners/removers are used (Orange All), subfloor must be thoroughly rinsed. If complete removal of old adhesives or covering them with plywood is not possible, the use of a Portland Based Leveling or Patching Compound is acceptable. Please follow manufacturer's instructions carefully. For "Recommended Work Practices for the Removal of Resilient Floor Coverings" write to the Resilient Floor Covering Institute, 966 Hungerford Dr., Suite 12-B, Rockville, MD 20850.

Patching & Leveling

Use only Portland-cement based patching and leveling compounds. Self-leveling underlayments can have very high moisture content and require longer curing time: up to 10 days. Check with a moisture meter before starting installation.

Note: Adding latex to levelers will normally make the floors NON-POROUS. Test for porosity and use the non-porous adhesive instructions if necessary.

Follow the manufacturer's instructions. Do not over-water underlayments! Sand underlayment smooth after it is cured. The installer is responsible for cure times, moisture content, adhesive bonding and the structural integrity of any leveling or patch compound used.

Concrete Slabs

NOTE: All concrete (new and old) must be tested.

- The installer is responsible for moisture testing. See adhesive buckets for details.
- New concrete should cure with good ventilation at room temperatures for no less than 90 days and must be tested for moisture and pH prior to installation.
- Do not install where moisture, hydrostatic pressure, or alkaline conditions are evident. (See below)
- Concrete must be clean, dry, smooth, and structurally sound and free of paint varnish, adhesive, oil, grease, solvents and other extraneous material including curing and parting compounds, sealers and surface hardeners that will inhibit bonding.
- Lightweight concrete should be avoided because of its inherent weakness.
- Whenever possible grind a concrete subfloor to tolerance rather than fill.

Installation failures due to the above issues are not the responsibility of To Market® and warranties will not apply. Whenever questionable surfaces are involved, To Market® recommends a bond test as described later in this section.

Properly prepare substrate by grinding or sanding. All dust must be completely removed to ensure a strong adhesive bond. Surface irregularities will telegraph through the tile.

Allow at least 24 hours for underlayment drying before installing To Market® flooring. If self-leveling underlayments are used they must fully cure before installing To Market® floor tiles. Test self-leveling compound for moisture before installing. The installer is fully responsible for moisture and leveler related problems.

Concrete Sealers

To Market® does not endorse any concrete or floor sealers against moisture. **IF MOISTURE IS PRESENT, DO NOT INSTALL FLOOR.** Some sealers will protect the installation against alkalinity. Some also serve as a barrier between old and new adhesives to deaden old adhesive tack, prevent plasticizer migration and seal over dust or old cutback adhesives. Most latex- and acrylic-based sealers are compatible with To Market® adhesives. Apply sealers to the floor according to the manufacturer's instructions. Be sure to apply the product evenly across the entire surface of the floor. There must be no gaps in the installation. Allow sealer to dry completely before applying adhesive.

NOTE: To Market® warranties its Tile and Adhesives to be free of defects. The condition of a subfloor, which causes adhesion problems due to not recommended, improper, incorrectly prepared sealers, embossing leavers, patches, concrete, gypsum based products etc, becomes the sole responsibility of the installer and/or manufacturer of the particular sub-flooring product.

Existing Resilient Floors

When installing To Market® floor tile where there is an existing resilient floor, it may be best to remove the present floor and prepare the structural floor for a fresh application of the To Market® floor.

If existing resilient tile and sheet vinyl floors are in good condition and thoroughly bonded to the structural floor, it may be possible to install. The exception is that any tile or sheet that is a cushion construction must be removed. Note: A layer of resilient or soft underlayments like luan may compromise the inherent strength of To Market® Tiles and Planks to resist indentations. Do not install over more than one layer of existing flooring.

Note: The use of levelers on non-porous subfloors will not create a porous subfloor. Existing tile or sheet resilient floor must be stripped using To Market® Stripper to remove wax or other contamination and rinsed with clear water and allowed to dry. This is also the case when new sheet vinyl is used. Very smooth or high-gloss floors need to be lightly abraded to rough up the surface to allow proper adhesive bonding.

Moisture and PH Testing

A moisture test should be done several days before installation. The installer is responsible for moisture testing. To Market® recommends all concrete subfloors (new and old) be tested using Calcium Chloride Test ASTM F1869. Unacceptable results using this method would be over 3 lbs for 24 hours per 1000 square feet. Electronic meter testing is not considered a replacement for a Calcium Chloride Test; the following moisture readings are just an indication that a Calcium Chloride test should be performed.

Concrete subfloors must have moisture barriers installed under the slab and be determined, through testing, to be dry and not subject to water absorption.

For more information about moisture problems and moisture testing, refer to MOISTURE GUIDELINES FOR THE FLOOR COVERING INDUSTRY available from the World Floor Covering Association, at 1-800-624-6880.

Bond Test

To determine if a subfloor is compatible to To Market® adhesives, or to determine if the porous or non-porous adhesive application method is required, use this test: Using the flooring and adhesive suitable for the subfloor, install a 2'x2' section following the recommended installation procedures. Select areas next to walls, columns, or other light traffic areas.

Tape the perimeter with duct tape to prevent edge drying of the adhesive. After 48 hours, the adhesive should be dry and the flooring should be difficult to remove.

Note: the adhesive is dry at this point—but not cured. Full cure and maximum bond does not occur for 6-8 days. On large installations, tests should be taken every 50 feet. Bond testing may take some time to complete, but the cost and time involved in a floor failure are considerably more.

General

For best results, the room temperature in the area of installation must be 65-85° F for 48 hours before, during, and after installation. Flooring must be acclimated in the room they are to be installed in for a minimum of 24 to 48 hours prior to installation. Be sure to use To Market® tiles of the same color lot for best color matching. Mix tile from several different cartons to blend minor shade variations. If the To Market® Tile or Plank has directional arrows follow accordingly if not lay tile and planks keeping the embossing of the product flowing in the same direction.

*Note: All Warranties and guarantees regarding the suitability and performance of any products, if not supplied by To Market®, rests with the material manufacturer or the installation contractor and **Not** with To Market®.*

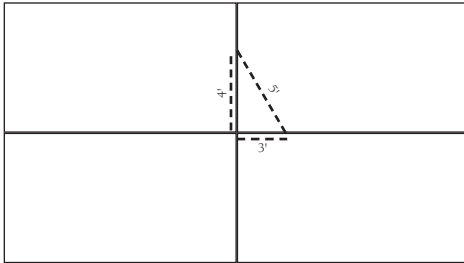
To Market® Adhesive must be used on all To Market® installations to maintain warranty. Please follow all instructions on To Market® Adhesive label. To Market® Adhesive must be used for all FORMIS™ Tile and Plank Installations!

Installation for 12" x 12", 16" x 16", OR 18" x 18" TILE

Layout of the Room for Squarely Laid Fields

To square the area to be covered, first find the center of one end of the main rectangle. Locate the same point at the other end wall. Snap a chalk line between these points to mark the center line on the floor. Then measure along this center line to find the middle of the room.

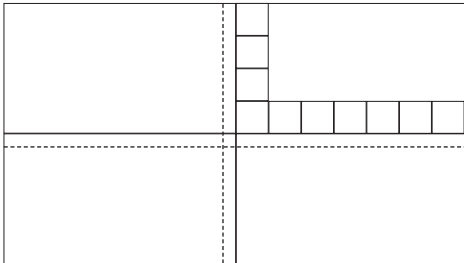
Figure 1



At the center point, mark off a line across the room at exactly right angles to the first line. This may be accomplished by the 3-4-5- triangle method as shown in Figure 1. Then measure 4 feet toward each side wall from the center point. Then measure 3 feet from the center point along the longer line, measure exactly 5 feet from the 3 foot mark on the center line to the 4 foot mark on the crossline. If the 5 foot measurements do not come out exactly 5 feet, the center crossing lines are not at a true right angle. For large rooms, multiples of the above dimensions may be used to obtain greater accuracy (6-8-10 or 9-12-15, etc.).

Dry-lay a row of tiles from the center line to the side wall to determine the space left for the borders. If the resulting border is too small, move the starting point over a half tile width so that it straddles the center line. Repeat the same procedure lengthwise of the room. (This can readily be figured out from the room dimensions without putting down the tiles if desired.)

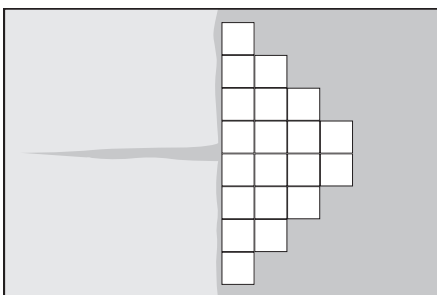
Figure 2



If it is decided to have the center row of tiles straddle either or both of the center lines, additional guidelines should be snapped on the floor 1/2 tiles width on one side of either or both center lines as required. (See Figure 2)

After the border widths have been determined and the center starting lines have been snapped spread the recommended adhesive on the center lines leaving portions of the lines at center and near each wall uncovered as shown in Figure 3.

Figure 3



Spread the adhesive over one-half the area and after it is ready, start laying tile from the right angle formed in the center of the room by center lines. Lay toward the two corners of the room as shown. Always refer to your guide lines as you progress with laying so that any mistake can be corrected before it is too late. Sometimes it's necessary to compromise on the rightness of joints to make allowances for unevenness or waves of the sub-floor. Take care to place tile as accurately as possible without sliding them into place.

IMPORTANT: All flooring must be rolled with a minimum 100-lb roller after installation. Use a hand roller in areas not reached with a 100-lb. roller.

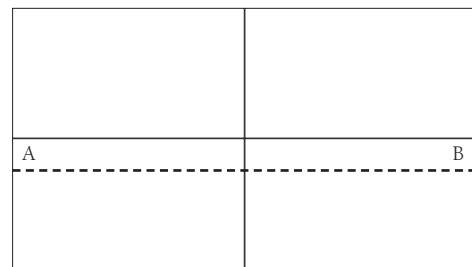
Installation For 3" x 36", 4" x 36", 6" x 36" And 9" x 36", 6" x 60" Plank

Layout of the Room (See Figure 4)

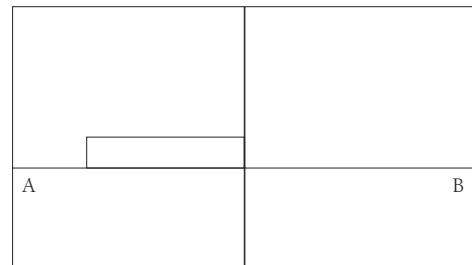
Find the center point of the room. Strike a line. Obtain a true 90° angle by using a carpenter's square. Strike a second line which will divide the room in to four equal parts. Measure the distance from the center to the wall, parallel to the direction of the plank. Divide the measurement by the width of the plank. If less than half remains as the border plank, adjust the point to compensate.

This will give a larger border along the wall and reduce the chance of having to cut a small sliver of flooring to place along the wall.

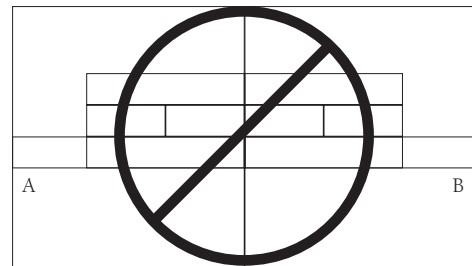
Figure 4



Layout of the Plank



Carefully place the first piece of plank at the junction of the chalk lines. Continue to lay the plank, making sure each plank 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 as shown below.



Fitting the Border

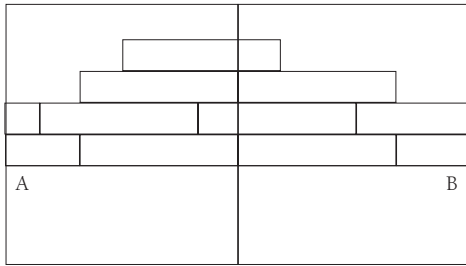
Measure the distance from the last plank in the row to the wall. Mark the plank and cut it against the mark. Lay the plank in place, making sure that the cut edge is against the wall.

Fitting Around Irregular Objects

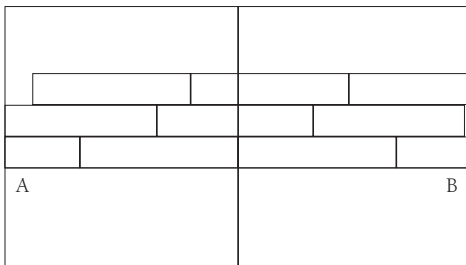
Make a pattern out of heavy paper to fit around pipes and other irregularities. Place the pattern on the plank, trace cutting along the trace lines.

IMPORTANT: All flooring must be rolled with a minimum 100-lb roller after installation. Use a hand roller in areas not reached with a 100-lb roller.

Pyramid Fashion



Row by Row Fashion



*** Manufactured with a permanent Aluminum Oxide finish, there is No need to apply finish after installation or at any time. The application of Aluminum Oxide will give you years of easy maintenance and lasting beauty.

MAINTENANCE FOR FORMIS™ ALUMINUM OXIDE TILES/PLANKS

To Market® FORMIS™ products are manufactured with a permanent Aluminum Oxide Finish (AO), therefore, there is NO need to apply finish after installation, or at any time. The application of Aluminum Oxide will give you years of easy maintenance and lasting beauty.

The type or frequency of traffic on your To Market® flooring will determine the frequency of maintenance needed. The color of the floor will have some bearing on how much care may be necessary.

Regular adherence to an effective maintenance program should include:

- Thorough dirt and grit regulation
- Prompt removal of spills and stains
- Protection of the floor surface

The most effective part of any floor maintenance program is the simplest: sweep, dust mop or vacuum **DAILY**, or more frequently if needed.

Initial Maintenance Upon Completion of the Installation

1. Sweep or vacuum thoroughly and remove any adhesive residue from surface with TM Black Scuff/Adhesive Remover. Mineral Spirits can be used.
2. Do not wash floor for at least 48 hours after installation. Lightly damp mop with a very diluted solution of TM Cleaner. Remove any scuffs and excessive soil by careful scrubbing. Certain types of rubber heel marks may be removed by rubbing with a cloth dampened with TM Black Scuff/Adhesive Remover.

Routine Commercial Maintenance

1. To Market® flooring has excellent durability and a history of performing well in heavy commercial installations, provided a sound maintenance program is followed. Light daily sweeping, dust mopping or vacuuming will prevent dirt and grit particles from being ground into the surface of the tile. Non-rubber, non-staining walk off mats should be used to control the amount of dirt and grit reaching the floor. The mats should be as wide as the doorway and thick enough to trap dirt and should be cleaned on a regular basis. Frequent light mopping will prevent the floor from becoming heavily soiled and will remove

most spills and stains. The amount and type of traffic will dictate the frequency of washing. Wash the floor by damp mopping with TM Neutral Cleaner diluted with warm water.

2. If the floor receives hard use and becomes extremely dirty, as in heavily commercial installations, an occasional scrubbing may be necessary. This can be accomplished by using a low speed buffer with a red scrubbing-type (polyester or nylon) pad. Spray the floor with diluted TM Neutral Cleaner and work the solution over the floor using the buffer and the scrubbing pad. Once this is accomplished, remove the dirty residue by damp mopping with clear water or with a wet vacuum.

Stain Removal

To remove stubborn spots or stains from To Market® AO tiles/planks, always begin with mild cleaners, such as TM Neutral Cleaner or TM Black Scuff/Adhesive Remover. If this fails to remove stain, use Mineral Spirits. Do not use harsh solvents, such as Acetone, or lacquer thinner, as these type products can permanently soften and damage the surface.

For extreme staining, (paints, permanent markers, dyes) try applying fingernail polish remover containing Acetone (not straight Acetone) applied to soft cloth and rubbing. Any damage resulting from use of pure solvents IS NOT covered by the warranty. Always test stronger cleaning agents on sample pieces or in unnoticeable areas first before attempting on affected areas.

Scuffing and Scratching

Although To Market® AO tiles/planks is very resistant to scuffing and scratching, surface damage can occur with hard enough use, or if floor is improperly maintained. If damage occurs, try hand buffing the spot with 0000 steel wool, using a solution of TM Black Scuff/Adhesive Remover. If damage is deep, try using 000 steel wool.

TO MARKET® Floor Care Products

Neutral Cleaner

Description	Specifically developed for maintaining all FORMIS™ Products and Finishes
Product Codes	MSS-034 (Qts) MSS-033 (Gal)
Use	As a maintenance detergent for vinyl composition, no-wax finishes, rubber, terrazzo and linoleum As an all purpose detergent for painted surfaces, walls, woodwork, desks, sinks and Venetian blinds.
Size / Packaging	12 Qts per case - MSS-034 4 Gals per case – MSS-033
Warning	Eye and skin irritant • Do not take internally Keep out of reach of children • Keep from freezing

MISTIC™ FORMIS™ TILE & PLANK CLEANER

A professional strength, advanced biodegradable cleaner which will cut through dirt, grease and grimy build-up on the tiles or planks, leaving a like-new streak free surface. It can be used in any household or commercial installation.

MISTIC™ FORMIS™ TILE & PLANK CLEANER is available by calling To Market® customer service (866) 772-4772

To Market® Product Data Sheet TM Black Scuff & Adhesive Remover

Description

Black Scuff & Adhesive remover was developed to maximize cleaning and minimize moisture. It rapidly wets, emulsifies and removes soil. It is also effective on grease, crayon, and lipstick. Black Scuff & Adhesive Remover needs no rinsing and leaves no dulling film. This ideal maintenance detergent was especially formulated for use on vinyl flooring, but can also be safely used on ceramic tile, linoleum, rubber flooring, etc. A crisp lemon-lime fragrance makes it a pleasure to use.

Floor Prep: Sweep or vacuum thoroughly.

Application: Spray onto a cloth, sponge mop or directly onto floor. Clean a small area at a time. Allow to dry. No rinsing is necessary.

NOTE: Do not pour product onto surface. Excess liquid can seep through and loosen adhesive.

CAUTION: Eye Irritant. Contains Organic Surfactants and Glycol Ether. Avoid getting product in eyes or on skin.

FIRST AID: For eyes, rinse with plenty of water for at least 15 minutes. If irritation persists see a doctor. For skin, rinse thoroughly with water. If swallowed, drink large quantities of water or milk. Get medical attention immediately. Do not take internally. Keep Out Of Reach Of Children.

DISPOSAL: Do not reuse container. Dispose of any contents in accordance with federal, state and local disposal regulations.

Specifications

Type product: Floor cleaner
Appearance: Clear blue
Bottle size: 22 Ounce spray
Packaged: 12 per Case
Case Weight: 20 LBS.
Odor: Lemon-lime

For information, please contact your To Market® sales Representative or for additional technical assistance call Bill Neifert at To Market, Inc.

(866) 772-4772

www.ToMkt.com

