

## Product Description

3M™ Trizact™ Diamond TZ Abrasive Pads & Strips restore and polish stone and concrete floors. 3M™ Trizact™ Abrasives create a smooth, highly refined surface ready for finishing with Scotchgard™ Stone Floor Protector and final burnishing with 3M™ Tan Burnish Pad 3400.

## Special Features

- Micro-replicated composite diamond abrasive structures consistently and rapidly smooth and level stone floor surfaces
- Self break-in feature that allows for quick cutting
- Flexible backing and attachment system
- Used with water or neutral cleaner

### CAUTION

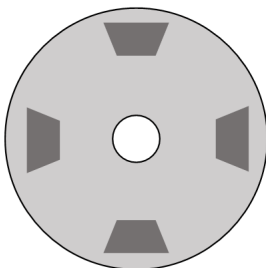
3M™ Trizact™ Diamond Abrasives are intended for wet floor maintenance processes only. **DO NOT use this product in any dry application.**

## Applications

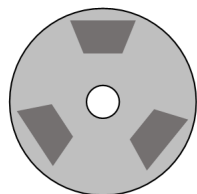
Use 3M™ Trizact™ Diamond TZ Pads & Strips to prepare stone surfaces prior to finishing with Scotchgard™ Stone Floor Protector and/or burnishing with 3M™ Tan Burnish Pad 3400. Suitable for stone floors such as marble, terrazzo, limestone, travertine and concrete. **DO NOT USE 3M™ Trizact™ Diamond Strips - GOLD on marble floors.**

- Designed for use with autoscrubbers and low speed floor machines, including square vibratory machines
- 3M™ Trizact™ Diamond TZ Pads should be applied to a 3M floor pad, such as the 3M™ Red Buffer Pad 5100
- Use four of the 3M™ Trizact™ Diamond TZ Pads arranged in the 12 o'clock, 3 o'clock, 6 o'clock and 9 o'clock positions when using with an autoscrubber or low-speed floor rotary machine with a diameter of 16 inches or more. When using pads that have a diameter of 15 inches or smaller use three pads arranged at the 12 o'clock, 4 o'clock and 8 o'clock positions. See graphic below for an example.

Pads 16 inch or larger

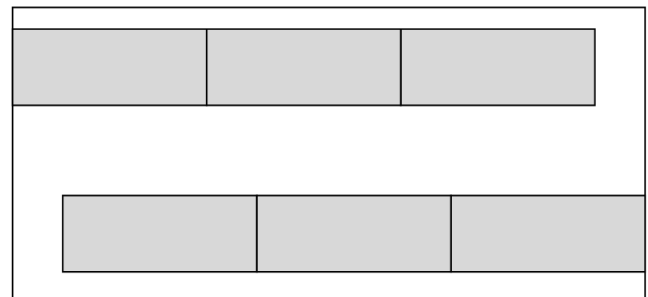


Pads 15 inch or smaller



## Application for Vibratory

**Equipment:** For use on a square machine and other vibratory machines that utilize rectangular pads, place the 3M™ Trizact™ Diamond Strips along the top and left side of the pad. Leave 1-2 inches (2.5-4.5 cm) of clearance on the top edge. Align the next strip, side-by-side with the previous, leaving the same 1-2 inches of clearance on the top. For pads 14 in. by 20 in. two strips will fit on each side. For 14 in. by 28 in. pads place a third strip side-by-side to the previous two. Repeat for the other side. See picture below for an example.



### Quick Links

[Technical Library](#)  
[Safety Data Sheets \(SDS\)](#)  
[Videos](#)

Some of these links lead to web-based resources that are not product-specific.

## General Use Directions

**ATTENTION:** 3M™ Trizact™ Diamond TZ Pads & Strips - Gold, Red and Blue listed below are starting guidelines for "average" floors. The exact number of passes needed will depend on the floor condition (e.g. rough trowel, deep staining) and desired aesthetic result (e.g. an exposed aggregate look). For heavily damaged floors, where there is visible, apparent wear or damage from scratching or pitting, start with 3M™ Trizact™ Diamond TZ Pads Gold. Otherwise, start with 3M™ Trizact™ Diamond TZ Pads Red (skip steps 3 and 5 below). Only the user knows and controls the factors affecting the performance and safe use of these products. As such, it is the responsibility of the user (and not 3M) to determine whether these products are suitable for the user's application.

1. 3M™ Trizact™ Diamond TZ Pads are designed for use with a low-speed (swing) machine or an autoscrubber while 3M™ Trizact™ Diamond Strips are designed for use on vibratory machines.
2. Use 3M™ Trizact™ Diamond TZ Pads and Strips with water or neutral cleaner. **Do not use dry.**

The hook backing of the disc is used to hold the 3M™ Trizact™ Diamond TZ Pads and Strips onto a floor pad, such as the 3M™ Red Buffer Pad 5100.

# 3M™ Trizact™ Diamond TZ Abrasive Pads & Strips

## General Use Directions (continued)

3. Attach four of the 3M™ Trizact™ Diamond TZ Pads Gold (gold printing) to the 3M™ Red Buffer Pad 5100 in the 12 o'clock, 3 o'clock, 6 o'clock and 9 o'clock positions, with the wide side placed nearest to the outside of the pad. For specific instructions on application to vibratory equipment, please see the special section labeled: "Application for Vibratory Equipment". Then resume the instructions as normal.
4. Prepare new 3M™ Trizact™ Diamond TZ Pads for use by making preliminary passes to expose the abrasive or by rubbing the abrasive surface with sand paper or other suitable abrasive; pads are conditioned for use when slurry appears on floor.
5. Make 6 passes with the 3M™ Trizact™ Diamond TZ Pads Gold with squeegee up and solution on; last pass should be with squeegee down. Wet vac and mop or autoscrub with 3M™ Red Buffer Pad 5100 between the 3M™ Trizact™ Diamond TZ Pad Gold, TZ Pad Red and TZ Pad Blue steps and before bur-nishing to remove any residual abrasive or debris that might cause scratches.

**NOTE:** Dispose of waste and slurries generated from wet polishing in accordance with all applicable local and government regulations.

6. Attach 3M™ Trizact™ Diamond TZ Pad Red (red printing) to a 3M™ Red Buffer Pad 5100 in the 12:00, 3:00, 6:00 and 9:00 positions.
7. Make 6 passes with the 3M™ Trizact™ Diamond TZ Pad Red with squeegee up and solution on; last pass should be with squeegee down. Wet vac and mop or autoscrub with 3M™ Red Buffer Pad 5100 before proceeding to step 8.
8. Attach 3M™ Trizact™ Diamond TZ Pad Blue (blue printing) to a 3M™ Red Buffer Pad 5100 in the 12:00, 3:00, 6:00 and 9:00 positions.
9. Make 6 passes with the 3M™ Trizact™ Diamond TZ Pad Blue with squeegee up and solution on; last pass should be with squeegee down. Wet vac and mop or autoscrub with 3M™ Red Buffer Pad 5100 before proceeding to step 10.
10. Once floor is dry, dust with 3M™ Easy Trap Sweep and Dust Sheets.
11. 3M™ Trizact™ Diamond TZ Pad should be washed and air dried after use. **DO NOT put the discs back into the package unless they are COMPLETELY dried.**

## Features and Benefits

Uniform coating throughout every 3M™ floor pad reduces the number of knots and clumps, which eliminates scratching of floors while providing greater consistency and extended pad life.

Pads are reversible and will not be significantly affected by water, detergents, or cleaners normally used for floor maintenance.

Exacting standards for quality mean thickness uniformity from edge to edge and pad to pad are exceptional, resulting in consistent performance without pad wobble or machine vibration. The precise center-hole placement and roundness of the pads also contributes to the smooth operation which extends pad life and may help reduce operator fatigue.

## Packaging and Marking

Each carton shall be labeled to identify the contents by product name, size, quantity and manufacturer. Each pad shall be printed with the manufacturer's name.

## Standard Sizes

Circular discs and other shapes are available in a variety of common sizes. Pads are nominally one inch thick.

## Pad Use and Cleaning

If 3M™ Trizact™ Diamond TZ Abrasive Pads & Strips cannot be rinsed immediately after use, discs can be placed temporarily in a plastic liner to prevent abrasive residue from drying onto discs before rinsing. Discs may be rinsed with a faucet or hose. A pressure spray nozzle will remove residue most effectively.

Alternatively, used discs can be allowed to air dry outside of the packaging, and then the dried abrasive residue can be scraped or tapped off into general waste. **Do not store used discs in a closed container unless they are completely dry.**

## Storage

Store indoors in original packaging and under normal facility conditions.

# 3M™ Trizact™ Diamond TZ Abrasive Pads & Strips

## Explanation of Signal Word Consequences

### **DANGER**

Indicates a hazardous situation which, if not avoided, will result in serious injury or death.

### **WARNING**

Indicates a hazardous situation which, if not avoided, could result in serious injury or death.

### **DANGER**

To reduce the risks associated with inhalation of or exposure to contaminants:

- DO NOT use this product on any asbestos-containing material.

### **WARNING**

To reduce the risks associated with inhalation of or exposure to contaminants:

- To reduce the risks associated with inhalation of or exposure to contaminants:
  - Do not use dry. 3M Trizact Diamond Products are intended for wet applications only.
  - Do not allow this product to be used by untrained operators.
  - Always follow standard safety practices, including wearing appropriate protective apparel and eye protection, while using this product.
- To reduce the risks associated with impact:
  - Use only in low speed wet applications, such as use with an autoscrubber.
  - Inspect both the driver pad and 3M Trizact product prior to each use. Replace if damaged, cracked, nicked, torn, or worn out.
  - Do not use an abnormally curled or cupped product.
- To reduce the risks associated with use in a hand tool application:
  - Use a tool with rotation speed under 4,000 rpm and a water spray bottle to keep the work area wet.
  - Ensure the tool is in contact with the work surface when it is started.
  - Ensure the driver pad is the same size as or larger than the 3M Trizact product attached to it.
  - Use only double-insulated tools and/or GFCI plugs and cords with any tool this product is mounted on.
  - Stop immediately if vibration or wobbling occurs during use. Determine cause and correct before continuing.
  - Ensure the driver pad shaft is fully seated in the tool collect or properly secured to the tool per the

manufacturer's recommendations. Center 3M Trizact product properly on driver pad.

- To reduce the risks associated with environmental contamination:
  - Dispose of waste and slurries generated from wet polishing in accordance with all applicable local and government regulations.

## Health and Safety

### **CAUTION**

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to [3M.com/SDS](http://3M.com/SDS), or by mail or in case of an emergency, call 1-888-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturers' instructions for safe operation.

## Technical Information

Technical information and data, recommendations, and other statements provided by 3M are based on information, tests, or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed. Such technical information and data are intended for persons with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. The typical values shown should not be used for the purpose of specification limits. If you have questions about this Product, contact the Customer Service Department at 1-800-852-9722.

## Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

# 3M™ Trizact™ Diamond TZ Abrasive Pads & Strips

## Warranty

3M warrants that each 3M product will be free from defects in material and manufacture for 90 days from the date of purchase from 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

## Limited Remedy

If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

## Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

