



Product Description

3M™ Red Buffer Pad 5100 is a floor maintenance, cleaning and buffing pad made of polyester fiber in an open textured, nonwoven construction. Cleaning and polishing abrasive particles are dispersed throughout and bonded to the non-woven construction with a durable resin system that permeates the entire pad. Unique design and durable construction make these pads the industry standard for consistent performance and long life.

- Designed to be used for auto-scrubbing, spray cleaning or dry buffing of hard surface floors
- For use on standard, low speed automatic scrubbers and rotary floor machines (175 - 600 rpm)

Applications

This product is used for spray cleaning or dry buffing under a rotary floor machine. It is also used for light scrubbing using water or detergent solution under standard, low speed automatic scrubbers. For use on finish-coated flooring such as sheet vinyl, vinyl tile, marble, terrazzo or concrete.

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.

Exact 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.

Quick Links

[Facilities Website](#)
[Safety Data Sheets \(SDS\)](#)

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

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

Dust mop floors before and after spray cleaning or buffing. If floors are heavily soiled damp mop prior to spray cleaning or buffing. Dust mop prior to scrubbing with an automatic scrubber. Rinse floor and let dry prior to opening to traffic.

Pads may be hosed out using a pressure spray nozzle to remove soil. Pads may be soaked in detergent solution to dissolve caked soil or finish prior to hosing out.

Storage

Store indoors in original packaging and under normal facility conditions.

Product Characteristics

| 3M™ Red Buffer Pad 5100 | | Test Method |
|---------------------------------------|----------------------------|-------------|
| Fiber Type | Polyester | N/A |
| Weight (4 in. by 6 in.) | 16.8 g | CCD0015 |
| O.D. Dimension | Designated Size ± 1/16 in. | CCD0004 |
| Thickness | 1 in. nominal | CCD0002 |
| Alkali Resistance (Tensile Retention) | 98% | CCD0005,6 |
| Aggressiveness | NA | CCD0020 |
| Packaging Recycle Content | 50-100% recycled content | N/A |



3M™ Red Buffer Pad 5100 is certified by Green Seal® for Environmental Innovation based on a design for significantly improved initial and mid-life performance compared to competitive products, extending the useful life of the floor pad and reducing solid waste generation. GreenSeal.org.

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:

- Ensure this product is used in the recommended applications with the suggested equipment.
- 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.

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, 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.

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.

No Extension of Warranty

In the case of an approved warranty claim, the replacement Product will carry only the remaining term of the original warranty period.

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.

Commercial Solutions

3M Center, Building 220-12E-04
St. Paul, MN 55144

1-800-852-9722
3M.com/Facility

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All other trademarks are property of their respective owners.
Revision B, May 2020 Please recycle.

3M Science.
Applied to Life.™

Choose the right floor pad for the job.

Maintenance Operation

Equipment Speed

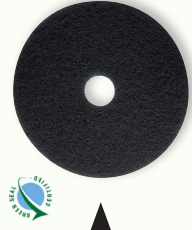
First Choice

Alternate Choices

Stripping

To remove finish, sealer and contaminants from the floor surface.

Rotary or Automatic
Low Speed
175–600 RPM



3M™ High Productivity Pad 7300
Our most aggressive stripping pad. Unique open construction resists loading and clogging. For fast removal of finish and proven consistent stripping.

Scrubbing

To provide a fresh new surface for finishing.

Rotary or Automatic
Low Speed
175–600 RPM



Scotch-Brite™ Surface Preparation Pad Plus
Long-lasting, high performance scrubbing pad for top coat removal prior to recoating.

Cleaning

To remove light soil and other contaminants.

Rotary or Automatic
Low Speed
175–600 RPM

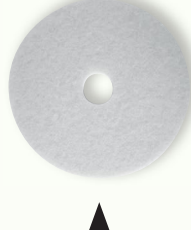


Scotch-Brite™ Clean & Shine Pad
2-in-1 daily cleaning pad for low-speed scrubbers that gradually increases shine with repeated use.

Buffing

To remove scuffs and black heel marks and enhance floor appearance.

Rotary
Low Speed
175–600 RPM



3M™ White Super Polish Pad 4100
Ideal for removing soil and scuff marks with minimal dulling. Also used to polish wood floors.

Burnishing

To remove scuffs and marks, repair finish and improve gloss and image clarity.

Electric, Battery, Propane
Ultra High Speed
1500 RPM & Above



3M™ Eraser Burnish Pad 3600
Removes black marks and returns gloss in fewer passes than other pads while producing less dust. Ideal for harder finishes and high traffic areas. Excellent durability and minimal finish removal.

Best Gloss

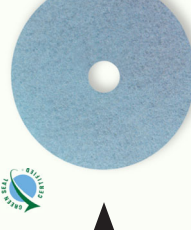
Electric, Battery, Propane
Ultra High Speed
1500 RPM & Above



3M™ TopLine Speed Burnish Pad 3200
Optimizes UHS burnishing on a wide variety of finishes. Combines black mark removal and gloss generation in one pad.

Soft Finish

Electric, Battery, Propane
Ultra High Speed
1500 RPM & Above



3M™ Sky Blue Hi-Performance Burnish Pad 3050
Restores gloss to dull floors. Designed for frequent burnishing with less dust, point buildup and burning.

Stone Floor Conditioning

To clean and condition worn and dull stone floors.

Rotary, Automatic, Electric, Battery or Propane
Low to Ultra High Speed
175–1500 RPM & Above



Scotch-Brite™ Sienna Diamond Floor Pad Plus
Diamond-coated floor pads clean and condition worn and dull marble, terrazzo, slate and polished concrete, bringing it to a medium gloss.

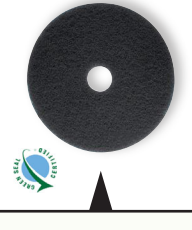
Stone Floor Polishing

To clean and polish stone floors with medium shine in good condition.

Rotary, Automatic, Electric, Battery or Propane
Low to Ultra High Speed
175–1500 RPM & Above



Scotch-Brite™ Purple Diamond Floor Pad Plus
Diamond-coated floor pads further enhance the appearance of terrazzo, slate and polished concrete.



3M™ Black Stripper Pad 7200
Standard of the industry. Consistent proven performance. Long pad life.



Scotch-Brite™ Surface Preparation Pad
Heavy-duty scrubbing for top coat removal prior to recoating.



3M™ TopLine Autoscrubber Pad 5000
Scrubs and cleans. Open construction resists clogging. Ideal for autoscrubbers.



3M™ Red Buffer Pad 5100
Designed for everyday cleaning and light scrubbing to remove light soil, scuff marks and black heel marks.



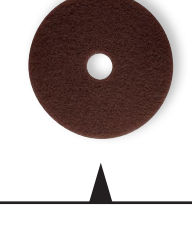
3M™ Natural Blend Tan Pad 3500
Blend of natural and synthetic fibers. Ideal for harder finishes and high traffic conditions. Removes marks and scuffs while polishing.



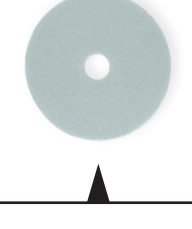
3M™ Natural Blend White Pad 3300
Blend of natural and synthetic fibers. Excellent results on a wide variety of finishes and traffic conditions. Consistent high gloss with minimal swirl marks.



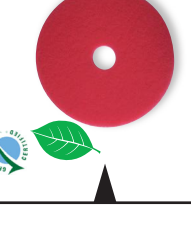
3M™ Aqua Burnish Pad 3100
Good gloss improvement with exceptional durability and life. The soft finish problem solver.



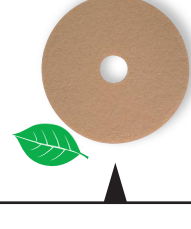
3M™ Brown Stripper Pad 7100
Conformable stripping pad for uneven floors. Super heavy-duty scrubbing for 2–4 coat removal.



3M™ Blue Cleaner Pad 5300
Heavy-duty scrubbing of floors.



3M™ Red Buffer Pad 5100
Designed for everyday cleaning and light scrubbing to remove light soil, scuff marks and black heel marks.



3M™ Tan Burnish Pad 3400
Produces good gloss improvement while removing scuffs and marks. Exceptional durability and life. Ideal for harder finishes and high traffic conditions.

Green Seal

The Green Seal Environmental Innovation program recognizes products that significantly reduce environmental impact through product innovation. 3M™ Floor Pads* are certified by Green Seal® for Environmental Innovation based on a design for significantly improved performance, durability, or both, extending the useful life of the floor pad and reducing solid waste generation.

*3M™ and Scotch-Brite™ Brand Floor Pad families include: 7300, 7200, 7100, 5300, 5100, 3600, 3500, 3400, 3300, 3200, 3100, 3050, 3000, 2900, 2800, 2700, 2600, 2500, 2400, 2300, 2200, 2100, 2000, 1900, 1800, 1700, 1600, 1500, 1400, 1300, 1200, 1100, 1000, 900, 800, 700, 600, 500, 400, 300, 200, 100.



Greener Solutions

Greener Solutions is a 3M program for 3M™ Floor Pads* that are made with at least 50% post-consumer recycled materials and water-based latex resins. Plus, our packaging is 100% recyclable and made with 50–100% recycled content.

The polyester fiber used to make a range of floor pads* contains a minimum of 50% post-consumer recycled content. The recycled polyester fiber is the same as the fiber used to make 3M™ Scotch-Brite™ Brand Floor Pad families include: 3200, 3300, 3400, 3500, 3600, 5000, 5100, Sienna and Purple Diamond Pad. Nigara™ Brand Floor Pad families include: 3300N, 3400N, 3500N, 3600N, 5100N, 5400N and 7200N.