

BONDERA®

Tile MatSet



Tile Adhesive on a Roll

Bondera Tile MatSet FAQs

1. What is Bondera® Tile MatSet?

Bondera Tile MatSet is an advanced pressure-sensitive adhesive on a roll that provides an innovative way to install tile, making it faster, easier and cleaner than traditional methods such as mortar or mastic. Bondera is self-adhesive, it repels water, is mold resistant and environmentally friendly. Bondera combines three features into one product: tile adhesive, water resistance, and crack isolation.

2. What products and sizes of Bondera Tile MatSet are available?

Bondera Tile MatSet is available in four products designed for specific areas of use:

1. Bondera Wall Tile MatSet (12" x 10 ft, 40 mil thickness, covers 10 sq ft): Recommended for use on vertical applications such as walls, backsplashes, tub and shower surrounds, or other vertical applications.
2. Bondera Countertop Tile MatSet (16" x 7.5 ft, 20 mil thickness, covers 10 sq ft): Recommended for use on horizontal surfaces such as countertops and tabletops (but NOT for floor applications).
3. Bondera Vertical Detail Tile MatSet (4" x 10 ft, 40 mil thickness): For vertical detail areas.
4. Bondera Wet Area Seam Tape (2" x 25 ft): For sealing Bondera seams in wet area applications.

3. What kind of tiling projects can I do with Bondera?

Bondera makes it easy for anyone to add the beauty and durability of tile to kitchen walls, backsplashes and countertops; bathroom walls and countertops; tub and shower surrounds; and other horizontal or vertical interior spaces. Bondera is perfect for tile repairs, decorative columns, niches and detail areas, metal surfaces, mosaics and more.

Note: Bondera is NOT recommended for use on floors, ceilings, fireplaces, or exterior applications.

4. What is the maximum size tile that can be installed using Bondera?

The maximum tile size for wall applications is 6"x 6" or 36 square inches such as subway tiles. Mosaics on a 12" x12" sheet can also be used.

For counters, there is no size limitation.

Note: Some tile types may absorb more water and may take longer to dry. Many tile projects will require that you cut the tile with a wet saw. Factory-made tile such as porcelain or ceramic tile will absorb only a small amount of water and can simply be pat dry before applying to Bondera. Some types of stone tile will absorb as much as 10–15% water and will need to be thoroughly dried prior to installation.



BONDERA®

Tile MatSet



Tile Adhesive on a Roll

Bondera Tile MatSet FAQs

5. What kind of tiles are recommended with Bondera Tile MatSet?

Bondera is recommended for all types of factory-made flat back or cross-backed tiles such as ceramic, porcelain, glass, stone, etc. Some handmade or unglazed stone tiles with rough or uneven backs may result in an impaired bond.

SLATE TILES ARE NOT RECOMMENDED.

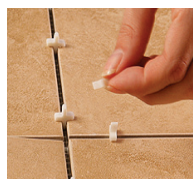
Some mosaics or face mounted tile may require special application instructions. To ensure proper bond in any application, it is recommended that you test the tiles in a small area by following the installation instructions.

6. What side of the Bondera Tile MatSet should be applied to the substrate?

For optimal performance, dimensional stability and ease of use, there is a glass mesh embedded in Bondera. The mesh looks like a grid and can be easily seen. Proper installation requires the non-mesh side be applied to the substrate you wish to tile (wall, countertop, etc.).

7. What tools do I need to tile with Bondera?

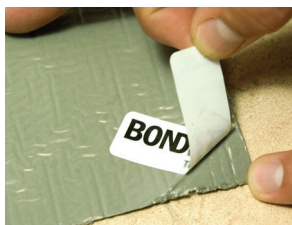
No special tools are needed to tile with Bondera Tile MatSet – all you need are a few common items:



- Tile spacers
- Straight edge or framing square
- Measuring tape and level
- Utility knife or scissors
- Rectangular trowel
- Permanent marker or crayon
- Rolling pin or J-Roller

Refer to grout packaging for grout tools needed.

8. How do I apply Bondera Tile MatSet?



Bondera makes tiling easy. Simply remove the plastic liner on the back (the non-mesh side) using the handy pull tabs provided and press Bondera with rectangle trowel or uniformly with your hand to the surface to be tiled. Then, peel back the top release liner and press your tiles into place. Bondera's tested bond strength will aggressively adhere to the tile. Once all tiles are in place, grout, wipe clean and enjoy!



BONDERA®

Tile MatSet



Tile Adhesive on a Roll

Bondera Tile MatSet FAQs

9. What is Bondera Vertical Detail Tile MatSet?



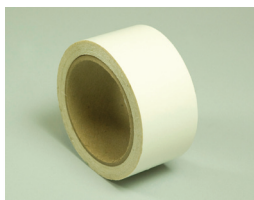
Bondera Vertical Detail Tile MatSet is identical to Bondera Wall Tile MatSet but comes in a convenient 4-inch width to manage smaller areas with less waste and is limited to 6" X 6" tiles or less and small tiles mounted on mesh sheets. The Detail Tile MatSet can be used for smaller details such as around kitchen backsplashes, inside/outside corners of tub and shower surrounds, the front edge of a countertop or other vertical wall areas.

10. What is the difference between Bondera Wall and Bondera Countertop?



Bondera Tile MatSet for Walls is designed specifically for vertical applications and is engineered with 40 mil of adhesive. One 12-inch roll covers 10 square feet and is limited to 6" x 6" tiles or less. Bondera Tile MatSet for Countertops is specified for horizontal surfaces only (excluding floors) and engineered with 20 mils of adhesive. One 16-inch roll covers 10 square feet with no limitation on tile size.

11. What is Bondera Wet Area Seam Tape?



Bondera Wet Area Seam Tape is a two-inch, double-sided adhesive that creates a watertight bond and barrier when applied to the seams of Bondera Wall, Detail and Countertop Tile MatSet. It should be used in water sensitive areas such as bathroom walls, countertops, showers and tub surrounds, but not for submerged applications such as hot tubs or pools.

12. On what types of surfaces can I use Bondera?

Bondera can be applied to any clean, flat, smooth and stable surface including drywall, plywood (horizontal applications only), cement board, existing tile, metal, laminate, Corian® and Formica®. Joints in the surface material should be treated to create a continuous, smooth surface. The surface should be wiped clean to remove any dust/dirt and allowed to dry thoroughly before applying Bondera. A fast drying latex primer is recommended over dusty, low cohesive strength type finishes like that of plaster or joint compound to provide a clean surface for the application of Bondera.

Note: A flat, smooth surface is defined as being consistent with ANSI surface preparation standards. This requires a maximum variation in the surface of 1/4" in 10'-0" and 1/16" in 1'-0" from the required plane. Surface should be checked with a 4 or 5 foot level to ensure compliance with these standards. Bondera should not be applied to surfaces that do not meet these requirements.

BONDERA®

Tile MatSet



Tile Adhesive on a Roll

Bondera Tile MatSet FAQs

13. Can I begin tiling immediately after installing Bondera Tile MatSet?

Yes, you can begin tiling as soon as Bondera Tile MatSet is installed. Before tiling a project such as a backsplash, countertop or wall, we recommend that you plan the layout of tiles carefully by “pre-laying” several tiles on top of Bondera (with top liner on) and find the locations where cuts will be needed and how best to balance equal size tiles especially for each end section of wall or countertop. Pre-laying tile is critical to a well-thought-out tile pattern.

14. Do I have to tile immediately after installing Bondera Tile MatSet?

Unlike traditional tile adhesives, Bondera does not have an “open time.” Bondera provides the flexibility to install tile immediately or several days later, completing a complete installation at one time or placing tile in sections over a period of time. Simply leave the top release liner on until you are ready to install tile.

15. How do I apply tiles on Bondera Tile MatSet?

Place tiles lightly on Bondera Tile MatSet and when you are satisfied with proper alignment, firmly press each tile for 5 seconds. For small tiles mounted on mesh sheet use same placing method as individual tiles except apply pressure with rolling pin or J-Roller uniformly over entire area.

16. Can I reposition or remove the tiles after I have installed them onto the Bondera Tile MatSet?

Yes, tiles placed lightly can be adjusted or removed. The more pressure used to set tiles in place on Bondera, the more difficult it will be to remove or adjust them. Be sure to plan your project in phases for best results. Tile will be more difficult to adjust or remove the longer they are in place and in contact with Bondera. You will not be able to adjust or remove tiles after more than a few hours or once the grout is applied.

TIP: To remove a tile that has been firmly pressed in place, gently pry the tile up with a putty knife. For full details and proper instructions on how to adjust or remove tiles, please review the Tiling with Bondera pages.

17. Do I have to wait 24 hours or the next day to grout tiles on Bondera Tile MatSet?

No. With Bondera, you can grout immediately, unlike traditional mastics or mortars that require you to wait for the adhesive to properly dry or cure before applying tile. **Bondera makes tiling a one-day project!**



BONDERA®

Tile MatSet



Tile Adhesive on a Roll

Bondera Tile MatSet FAQs

18. What is the maximum time allowed before grouting the tiles applied to Bondera?

It is recommended to mix and apply grout within 8 hours. If grouting occurs after 8 hours, it is recommended to briefly apply firm pressure to the tiles in place with Bondera before you begin grouting. If tile spacers are used, it is recommended to leave the tile spacers in place until you are ready to grout unless you use leave-in spacers.

19. Can I use Bondera Tile MatSet in an interior wet environment?

Yes, Bondera repels water and can be applied in interior wet environments such as backsplashes, tub and shower surrounds, and bathroom walls, but not in submerged areas such as hot tubs or pools. To ensure proper performance, be sure to install Bondera sections as close together as possible and apply Bondera Wet Area Seam Tape to all seams for a water-tight system. Additionally, tile joints that occur in vertical (tub and shower surrounds) and horizontal (wall to tub) corners are identified by ANSI A108 tile installation standards as movement joint areas. To maximize your application in a wet environment, these joint must be filled with a resilient caulk or sealant - not grout.

20. Is Bondera Tile MatSet mold resistant?

Bondera repels water and is formulated with an antimicrobial to resist mold growth*. Bondera does not prevent surface mold on tile or grout, but it will prevent mold from spreading should it reach the Bondera. Independent laboratory certification and test results are available.

21. Will Bondera help to resist cracked tile or grout joints?

Bondera Tile MatSet will help protect a tile installation from cracking associated with normal building movement. Bondera has been tested and meets the “High Performance” rating according to ANSI A118.12.5.4 Standard for Crack Isolation.

Additionally, tile joints that occur in vertical (tub and shower surrounds) and horizontal (countertop/backsplash) corners are identified by ANSI A108 standards as movement joint areas. To help prevent grout cracks, these joints must be filled with a resilient caulk or sealant - not grout.

22. What kind of tiling projects are NOT recommended for Bondera?

Bondera Tile MatSet should not be used for a floor, ceiling, or exterior applications. In addition, Bondera is not recommended for fireplace applications, steam showers, or saunas.

23. Can I use Bondera Tile MatSet in an exterior tile project?

No, Bondera Tile MatSet should not be used for any exterior applications.

BONDERA[®]

Tile MatSet



Tile Adhesive on a Roll

Bondera Tile MatSet FAQs

24. Can I use Bondera Tile MatSet for my floor or ceiling application?

Bondera is not recommended for floor or ceiling applications.

DO NOT USE BONDERA TO INSTALL TILES ON FLOORS OR CEILING.

25. Can I apply Bondera Tile MatSet on uneven surfaces?

Bondera Tile MatSet requires a smooth, flat surface consistent with ANSI surface preparation standards. This requires a maximum variation in the surface of 1/4" in 10'-0" and 1/16" in 1'-0" from the required plane. Older existing walls can be leveled using a joint or patching compound prior to applying Bondera. A fast drying latex primer is recommended over dusty, low cohesive strength type finishes like that of joint compound to provide a clean surface for the application of Bondera. For new construction it is recommended to construct plumb walls and surfaces for tiling projects.

TIP: Clean or wipe the wall surface with a damp rag to remove any dust and allow to dry thoroughly prior to applying Bondera Tile MatSet.

26. In what direction should I install the Bondera Tile MatSet to walls and countertops?

Bondera Tile MatSet can be applied in either a vertical or horizontal direction.

TIP: For wall applications it is easier to work in a vertical or top down direction similar to wallpaper.

27. Can Bondera Tile MatSet be applied directly onto wallpaper?

Bondera is only as strong as the substrate it is bonded to. For this reason, wallpaper and any adhesive must be removed, and all deficiencies in the wall repaired, prior to applying Bondera.

28. Can Bondera Tile MatSet be applied directly onto a painted surface?

As long as the surface is dry, clean and smooth, Bondera will adhere to painted surfaces. No roughening of the surface is required. Bondera is only as strong as the surface that it adheres to, therefore, the surface should be inspected thoroughly before applying Bondera.



Need help? Call **1.888.tmatset**
BonderaTileMatSet.com

GRACE

BONDERA®

Tile MatSet



Tile Adhesive on a Roll

Bondera Tile MatSet FAQs

29. Can wet tiles be applied to Bondera Tile MatSet?

It is recommended to thoroughly dry tiles prior to installation. Some tile projects will require that you cut the tile with a wet saw. It is recommended to plan your layout before you begin installing tiles so that all cuts can be made in advance and the tile allowed to dry thoroughly before applying to Bondera.

30. Can I install mechanically fastened bathroom fixtures onto Bondera?

Yes, mechanically fastened bathroom fixtures can be applied to a tiling project using Bondera Tile MatSet.

Note: Bondera does NOT eliminate the need for fasteners. Fixtures must be installed according to manufacturer's installation instructions.

31. Can I install ceramic soap dishes or towel bars directly to Bondera?

No, Bondera is not intended as an adhesive for ceramic soap dishes or towel bars. These fixtures should be mechanically fastened, or applied directly to the substrate (not to Bondera) with a structural adhesive such as epoxy.

32. Can I use Bondera Tile MatSet for Walls in my bathroom niche?

Yes, Bondera Tile MatSet for Walls can be applied to a custom built or prefabricated bathroom niche.

33. Can I use tiles of varying thickness with Bondera?

When using tiles of varying thickness, simply layer strips of Bondera (a maximum of two layers) on top of each other to bring the thinner tiles level with thicker tiles.

34. What type of caulk or sealant can I use with Bondera?

If sealing joints in the tile, Bondera is compatible with typical acrylic and silicone sealants and will not be affected by contact with these products. If applying a sealant directly to Bondera to provide a watertight seal (for example, around a shower valve or pipe penetration), only blended silicone sealants should be used such as DAP® Kwik Seal PLUS® or Loctite® Power Grab® Tub Surround Adhesive.

35. How do I clean Bondera off of a surface?

If any Bondera adhesive sticks to an adjacent surface during applications (countertop, tub, etc.), the adhesive can be removed with mineral spirits or similar adhesive cleaner such as Goof Off®. It is recommended that the surface to be cleaned be checked in an obscure area first to ensure that the cleaner will not damage the surface.



Need help? Call **1.888.tmatset**
BonderaTileMatSet.com

GRACE

BONDERA®

Tile MatSet



Tile Adhesive on a Roll

Bondera Tile MatSet FAQs

36. Can I tile over existing tile with Bondera?

Bondera Tile MatSet can be applied to existing tile substrates as long as existing assemblies are sound, stable, clean and level/plumb. This includes ceramic tile without any grout lines as well as with grout lines up to 1/4" spacing. Please note that applying tile over existing tile may create an uneven surface.

To properly clean existing tiles to be used as a substrate, use a common heavy duty household detergent such as TriSodium Phosphate by Savogran mixed with warm water per manufacturer's instructions and a non-abrasive scouring sponge to scrub residue away. It is not necessary to scuff or sand into the existing tile surface as is common in existing tile over tile practices. If a leveling compound is used, seal the compound with fast drying latex primer. All substrates must be completely dry before applying Bondera Tile MatSet.

It is recommended to always test a small area to ensure a proper bond before applying tile.

**The recommendations made apply to ceramic tiles applied to ceramic tiles. Other tile types may result in different performance.*

37. How do I replace a cracked tile that has been installed and grouted?

The grout around the tile will need to be removed, and the tile can be removed from the Bondera using a putty knife (or similar) and prying gently so as not to damage surrounding tiles. Once the tile is removed, the Bondera should be evaluated for adhesion. In general, since the adhesive does not dry out, it should still be sticky and you should be able to simply stick another tile to it. However depending on the length of time and vertical vs. horizontal application, type of tile, etc. - Bondera adhesive may completely flow into the tile back side and damage the adhesive layer in an effort to remove the tile.

Also, depending on the conditions, if grout happened to flow behind the tile, etc., it may be necessary to replace the Bondera. After the tile is removed, you can do one of the following:

- 1) if Bondera is still stuck well to the wall and the adhesive is still tacky and not contaminated with grout, etc., you can apply a new tile to the Bondera.
- 2) if Bondera is still stuck well to the wall but the adhesive is damaged during tile removal or is contaminated and not sticky, you can apply a new tile with another layer of Bondera - keep in mind the thickness difference.
- 3) if Bondera is completely damaged or not stuck well to the substrate, you need to cut out the section of Bondera and then apply a new tile directly to the substrate. If the substrate is in good shape, you can do this with a piece of Bondera. If the substrate is destroyed, that will need to be repaired or you can apply the tile by spot bonding with a structural setting adhesive (such as epoxy) easily available at home centers.

**Bondera repels water and is mold resistant. Bondera does not prevent surface mold on tile or grout.*

W. R. Grace & Co.-Conn., 62 Whittemore Avenue, Cambridge, MA 02140. Bondera is a registered trademark of W. R. Grace & Co.-Conn. Formica is a registered trademark of Formica Corporation. Corian is a registered trademark of E.I. du Pont de Nemours and Company or its affiliates. This product may be covered by patents or patents pending.
© 2011 Printed in the USA. Bondera-01 CB/xx/xx



Need help? Call 1.888.tmatset
BonderaTileMatSet.com

GRACE