# Surround Yourself with Color & Style

## CORIAN®

DUPONT®

# Congratulations
## on choosing your new
Ready-To-Install Tub or Shower Surround from Corian®.

We hope this will be a rewarding home improvement experience that pays you back for years to come.

Corian® surfaces last for years. So they're a smart investment. And by installing it yourself, think of the labor costs you'll save.

Before you start, we recommend you watch the videotape in your kit to see if you're comfortable with taking on the job. If you're not sure, you should hire a professional to do the job for, or with you.

There are a lot of reasons why you should be glad you chose Corian®.

Corian® is known worldwide for its style and product performance. We've been satisfying customers for 30 years. That's why you see it in so many great homes. Not just in kitchens, but in bathrooms, in furniture and all over the house.

Corian® surfaces are also found in places where the material is really put to the test. Hospitals, hotels, restaurants, office buildings and retail shops.

Designers love to use Corian®. Because it's hip. Fun. Warm. Inviting. Versatile. Incredibly durable. And easy to clean. Bacteria, mold and mildew hate it. Because Corian® surfaces are nonporous. Good looks—easy care. That's the perfect combination for the way we live today.
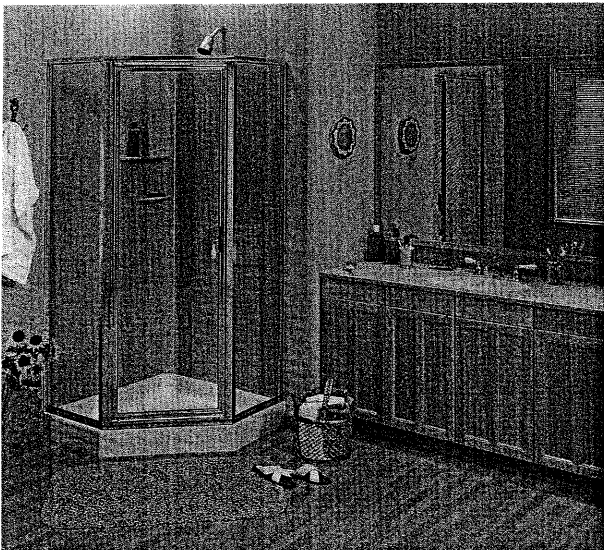
We think you'll like your new tub or shower surround so much, you might want to consider a color-coordinated Corian® One-Piece Vanity Top & Bowl. Or you could add some custom touches, such as Corian® windowsills, for a custom look.

With Corian®, there are lots of ways to express your personal style.

This guide contains all the information you need to install and care for your Corian® tub or shower surround. Please read these instructions thoroughly before you begin your installation.

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# Inspection

1. **Be sure you have the right type of walls.** The following wall surfaces are acceptable for installing tub and shower surrounds from DuPont Corian®.

   a. Moisture-resistant drywall or "greenboard"

   b. Marine-grade plywood

   c. Stable plaster

   d. Stable ceramic tile

   e. Tile backer board

   *If you have regular drywall, regular plywood or paneling,* replace it with one of the materials above before you continue.

   *If your walls are brand new,* you'll need to apply a primer or water seal over any new wood, plaster or drywall.

   *If you have masonry walls,* stud out walls with two-by-fours and install a smooth, dry subsurface of moisture-resistant drywall.

   *If you have ceramic tile walls,* follow these steps:

   a. Be sure tile is clean (no dust, mildew or soap scum), dry and sound.

   b. Check for loose tiles and re-attach as necessary.

   c. If tile does not cover the entire wall that the tub or shower surround of Corian® will cover, build up area without tile to provide uniform support.

   d. If there are gaps in the subsurface, build out under the wall panels of Corian® using either moisture-resistant drywall, tile backer board or marine-grade plywood.

   e. Spread tan-colored panel adhesive lightly over sharply contrasting color tiles.

   f. Check for signs of moisture in or behind wall. If moisture is present, remove wall. Check for plumbing leaks, making repairs as necessary. Then install a new subsurface. Any moisture retained in the wall can cause the panels of Corian® to warp or separate from wall.

2. **DO NOT install tub and shower surrounds from DuPont Corian®:**

   a. Over leaks or moisture

   b. Without ½-inch vapor gaps between the top of your tub or shower base and the wall material

   c. In areas with high heat or steam, such as steam baths or sauna

   d. In areas below grade, such as basements

3. **Measure your shower base or your tub** and be sure you bought the right size kit…before any cutting or drilling! (The dimensions are checked on the front of the box.)

4. **Check walls with a level.** The more even, plumb and square walls are, the better your finished project will turn out.

   *Grind down high spots or bulges* and fill them so they're smooth.

   *Fill depressed areas* with patching plaster or with shims.

5. **Be sure shower base or tub is securely installed and level.**

6. **For a 3-wall tub and 3-wall shower surround,** measure the width of the back wall and record it for later.

7. **Have water pipes roughed in** by a plumber **before** you start.

8. **Turn off hot and cold water supplies.**

9. **Remove any handles, faucets, shower arms, etc.**

10. **Wipe down walls and the top edge of tub or shower pan** with a clean, lint-free, white cloth moistened with denatured alcohol.

11. **Protect tub or shower base** with a padded material, such as carpeting.
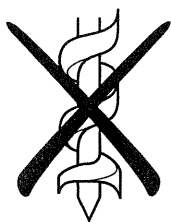
# Preparation

**Assemble the tools you'll need:**

1. **Tape measure**

2. **Level**

3. **Straightedge (60″ or longer)**

4. **Carpenter's square**

5. **Belt sander** (You can use other types of sanders, but a belt sander makes the job go faster.)

6. **120-grit sandpaper** (for both your belt sander and hand-sanding)

7. **Compass**

8. **Pencil**

9. **Masking tape**

10. **Utility knife**

11. **Glue gun and hot-melt glue**

12. **Caulking gun**

13. **Panel adhesive** (light tan-color, neoprene-based—one tube for each panel you're installing)

14. **Denatured alcohol**

15. **Clean, lint-free, white cloths** (paper towels or colored cloths may leave behind lint or colored fibers that will spoil the appearance of your silicone or joint adhesive.)

16. **Safety glasses or protective goggles**

17. **Hearing protection**

18. **Dust mask**

19. **Shop vac**

20. **Sheets of clear poly film** (tape over doorways to contain dust)

21. **Two sawhorses with two-by-four rails**

*To cut plumbing access holes:*
22. **Router with straight-cut, carbide-tipped bit OR power drill with hole-cutter bit or spade bit. DO NOT USE AUGER BIT.**
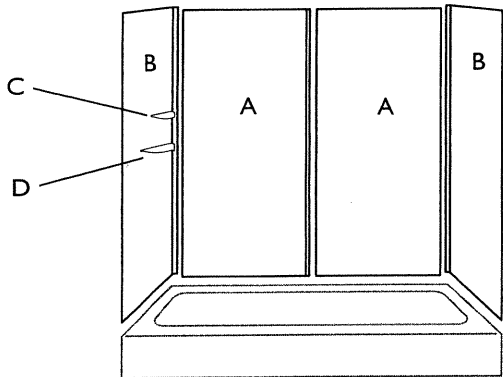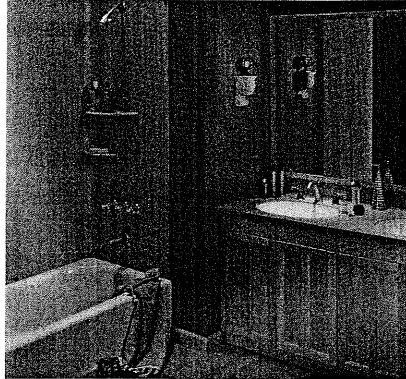
# Planning

1.  **Lay out panels, FACE UP** according to the way you're going to install them.

2.  **Label panels** with masking tape to show tops of each panel and final location.

3.  **Prepare a template** to help accurately cut access holes in panel for plumbing. This will help you make sure your holes are in the perfect place—before you cut into your new panel.

    a. Lay panel face up on sawhorses.

    b. Measure panel carefully.

    c. Cut a piece of cardboard from the shipping carton to the exact width and length of the panel.

    d. Lay cardboard template over wall panel to check size.

    e. Label the "top" of the template to match your panel.

    f. Label the "face" of the template.

4.  **Keep room well-ventilated** throughout the installation process. Strong adhesives and sealants can make you dizzy or sick if you're working in a confined area. Open a window or use a fan.

5.  **Follow the instructions and safety information** for tools, panel adhesive, silicone caulk and alcohol provided by the products' manufacturers.

# Installation: 3-Wall Tub Surround





**Each tub surround kit contains:**

2 — back wall panels (A)

2 — side wall panels with curved corner edges (B)

1 — soap shelf (C)

1 — shampoo shelf (D)

2 — sponge corner inserts

1 — tube Color Matched Silicone for DuPont Corian®

1 — adhesive for installing soap/shampoo shelves

1 — installation guide

1 — installation video

1 — packet of cardboard shims

1 — Corian® warranty folder

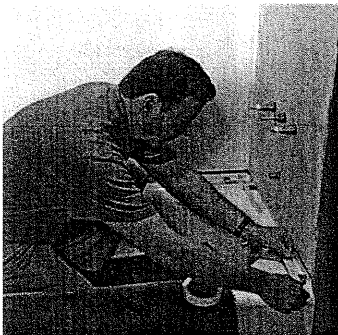**Installation:**

1. **Locate the cardboard shims** in your carton.

2. **Tape shims** along the top ledge of the tub. See figure 1. Place a shim directly below each plumbing pipe for measuring cutouts later.

   **If panels are to be installed flush to ceiling,** they must all be trimmed to size before you begin. See *Special Instructions, Section One: Trimming Panels That Go to Ceiling* (page 27).

3. **Locate side panel for wall without plumbing.**

   *Check labels* to make sure the panel is face up and right side up.

4. **Position panel against wall** so that the curved edge is flush against the back wall. (You might ask a helper to hold the panel steady while you check the fit.)
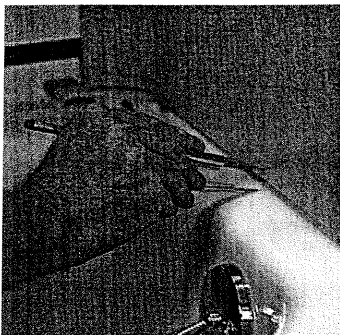


**Figure 1**

**Figure 2**



**Figure 3**



**Figure 4**

5.  **Check the gap between wall panel and your tub at the bottom edge.**

    *If gap is no wider than ⅛-inch,* proceed to step 6.

    *If the gap is ⅛-inch or wider* at any point, you'll need to scribe the panel to the tub with your compass. See figure 2. But don't trim it yet!

6.  **Check front edge of panel.**

    *If panel does not extend past the outer edge of tub,* proceed to step 7.

    *If panel extends past the outer edge of the tub,* it must be trimmed. But this should **not** be done until scribing, trimming or cutting of plumbing access holes is complete. See *Special Instructions, Section Two: Trimming Front Edge of Panels* (page 28).
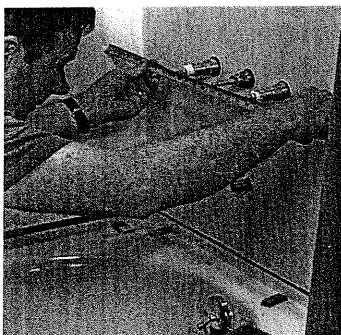
7.  **Locate panel for wall with plumbing and matching cardboard template** (prepared earlier in "Planning," page 7).

    *Check labels* to make sure the panel is face up and right side up.

8.  **Measure and mark template.**

    *Measure the distance from the corner to the center of each plumbing pipe.* See figure 3. Write down your measurement.

    *Measure the distance from the top of a shim on the tub ledge to the center of each pipe.* See figure 4. Write down your measurements.

    *Repeat the procedure* to double-check measurements.

    *Transfer measurements to template.*

    *Measure the size of the holes required* to adequately clear any stems or valves. These holes need to be big enough to allow future servicing of components, but smaller than the finished trim pieces of your fixtures. Double-check your measurements with the actual fixtures themselves.
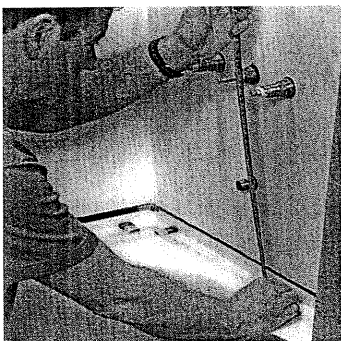
    *Mark holes on template with your compass.*

9.  **Cut holes in template** with a utility knife. Cut a little inside the lines to make holes a little smaller than you need. If you need to, you can enlarge them after you "test-fit" the template.

10. **"Test-fit" template on the wall,** making sure the template is flush against the corner. Be sure it's face up and right side up.

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**Figure 5**

11. **"Test-fit" fixtures with template in place.** Adjust holes in template if necessary.

12. **Cut holes in panel.**

    *Lay panel FACE DOWN on sawhorses and rails.*

    *Lay template FACE DOWN over panel.* Make sure the top edge of the template corresponds with the top edge of the panel and that the bottom edges of the panel and the cardboard are flush.

    *Align the edge of the template 1/4-inch beyond the curved edge of the panel* with your carpenter's square. See figure 5. This is to compensate for the thickness of back wall panels.

    *Trace holes from the template onto the panel.*

    *Put on eye protection, hearing protection and dust mask.*

    *Carefully cut out the holes* with a router with a straight-cut, carbide-tipped bit (run counterclockwise), OR with a power drill, with hole saw or spade bit. Provide support directly under the holes when using a power drill. It will get dusty, so you might want to do a quick cleanup with your shop vac after this step.

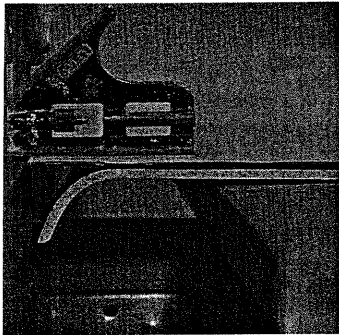    *Lightly sand edge of holes* to prevent cutting your hands when handling.

13. **"Trial-fit" the panel on the wall** with the curved edge flush against the back wall and the bottom edge on the shims.

14. **Check front edge of panel.**

    *If panel does not extend past the outer edge of tub,* proceed to step 15.

    *If panel extends past the outer edge of the tub,* it must be trimmed. But this should not be done until any scribing or trimming of the bottom of the panels is complete. See *Special Instructions, Section Two: Trimming Front Edge of Panels* (page 28).

15. **Check the gap between the wall panel and your tub at the bottom edge.**

    *If gap is no wider than 1/8-inch,* proceed to step 16.

    *If the gap is 1/8-inch or wider* at any point, you'll need to scribe the panel to the tub with your compass. But don't trim it yet!

    *If you have to do any scribing of the side panels, you'll have to make some adjustments to your back panels, too.*

a. Lay back wall panels FACE UP on your sawhorses, butted together. Use some tape to hold them together with their bottom edges flush.

b. Measure the width of the panels and check it against the back wall measurement you recorded earlier. If the wall panels are too wide, measure and trim as necessary.

c. Locate left wall end panel. Measure the distance between the bottom edge of the panel and the scribed line. Write it down.

d. Measure up that same distance from the left bottom edge of the left back wall panel and mark the panel.

e. Locate your right wall side panel and again measure the distance between the bottom edge of the panel and the scribed line. Write it down.

f. Measure up that same distance from the right bottom edge of the right back wall panel and mark the panel.

g. Carefully draw straight lines on the wall panels from mark to mark.

*To trim the panels you scribe...*

a. Very carefully sand away the bottom edge of each panel with your belt sander until you meet the scribed lines.

b. "Trial-fit" the back panels against the wall with the bottom edges resting on the shims. The center seam edges of the panels should be perfectly parallel. If not, you may need to slightly retrim the bottom edges of one or both panels.

16. **"Trial-fit" all the panels** together to check the alignment of the tops of the panels. If there is more than $1/16$-inch difference from one panel to another, you need to trim the tops of the panels. See *Special Instructions, Section Three: Trimming Top Edges of Panels* (page 28).

17. **Clean the backs of the panels and the walls** with a clean, lint-free, white cloth moistened with denatured alcohol. If you made any pencil marks on the backs of the panels by mistake, be sure you completely remove them. If you don't, they may show through when you're finished.
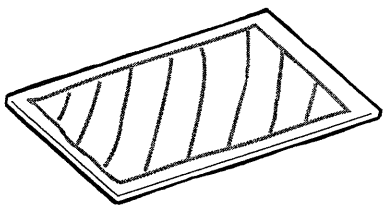
18. **Find the center of your back wall and make a reference mark.**

19. **Locate the back wall panel with the grooved seam edge.** This is the panel you'll install first.

20. **Lay panel FACE DOWN on sawhorses.**

21. **Apply panel adhesive** in a solid bead all around the perimeter, about one inch from the edges. Be sure that the bottom edge of your adhesive is higher than the vapor gap cutout on your wall. Then apply the adhesive in diagonal lines across the center of the sheet. See figure 6. Don't scribble or draw pictures! They could show through!

**Figure 6**

22. **Position the panel against wall** right side up and resting on shims. Line it up with the reference mark on the center of wall and press it firmly into place. Ask your helper to hold it in place while you work with the other panels.

23. **Apply Color Matched Silicone for DuPont Corian®** in a smooth bead along the grooved edge.

24. **Lay other back wall panel FACE DOWN on sawhorses.**

25. **Apply panel adhesive** as you did with the first back panel.

26. **Position panel against wall** right side up and resting on shims. Press it into place with the seam edges as snugly together as possible.

27. **Slide back wall panels together**—with you pushing from one outside edge and your helper pushing from the other, so that:

    — the center seam edges come together along their entire length

    — the panels are aligned on their top edges

    — the bottom edges are snug against the shims

    — and the entire assembly is centered on the back wall, left to right.

28. **Slightly pull away top of the panels** and vent if necessary. Follow the manufacturer's instructions on the adhesive tube.

29. **Apply hot-melt glue to the wall** under the outer top corners of the panels.

30. **Press panel back into place** and hold until the glue sets— 15 seconds should be long enough.
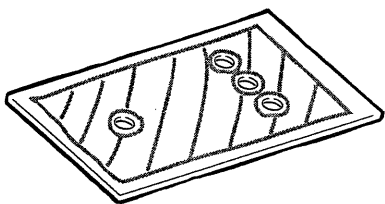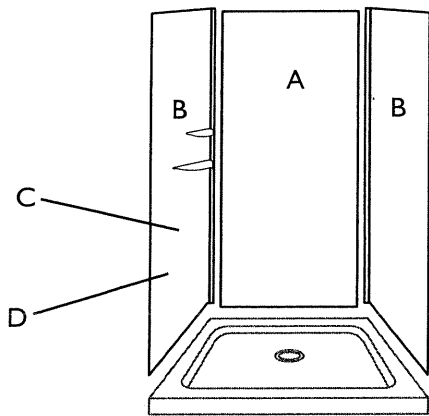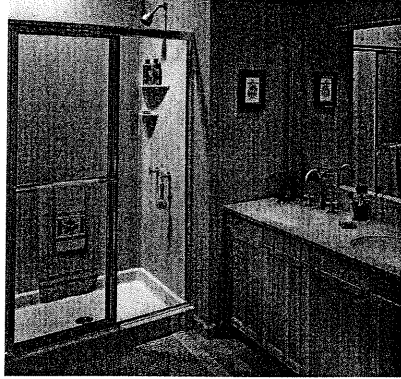
**Figure 7**

31. **Clean** away the excess silicone from the center seam with a clean, lint-free, white cloth moistened with denatured alcohol.

32. **Lay side panel with cutouts FACE DOWN on sawhorses.**

33. **Apply panel adhesive to side panel with cutouts** in a solid bead all around the perimeter, about one inch from the edges. Be sure the bottom edge of your adhesive is higher than the vapor gap cutout on your wall. Then apply the adhesive in diagonal lines across the center of the sheet. See figure 7. Don't scribble or draw pictures! They could show through!

34. **Apply Color Matched Silicone for DuPont Corian®** in a smooth bead along the entire length of the back edge of the curved corner.

35. **Position panel against wall,** right side up and resting on shims. Press into place with curved edge slightly away from the back wall panel.

36. **Pull away top of the panel slightly** and vent if necessary. Follow the manufacturer's instructions on the adhesive tube.

37. **Apply hot-melt glue to the wall** under the outer top corners of the panel.

38. **Press panel back into place** so that the entire curved edge fits snugly against the back wall panel and hold until the glue sets—15 seconds should be long enough.

39. **Inspect your work.** If the gap between the curved corner is wider than $\frac{1}{16}$ of an inch, loosen the panel, reapply hot-melt glue and try it again.

40. **Clean** away the excess silicone from the corner seam with a clean, lint-free, white cloth moistened with denatured alcohol.

41. **Install side panel without cutouts** by following steps 32–41.

**Nice work! Proceed to "Finishing" (page 26).**
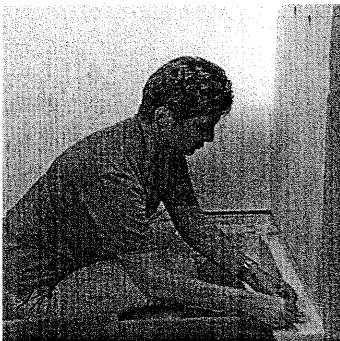
# Installation: 3-Wall Shower



**Each 3-wall shower surround kit contains:**

1 — back wall panel* (A)

2 — side wall panels with curved corner edges (B)

1 — soap shelf (C)

1 — shampoo shelf (D)

2 — sponge corner inserts

1 — tube Color Matched Silicone for DuPont Corian®

1 — adhesive for installing soap/shampoo shelves

1 — installation guide

1 — installation video

1 — packet of cardboard shims

1 — Corian® warranty folder

* 36″ × 60″ kits contain 2 back wall panels

**Note: If you have purchased a 60″ wide, 3-wall shower surround kit, please follow the installation instructions for the 3-wall tub surround kit.**

**Installation:**

1.  **Locate the cardboard shims** in your carton.

2.  **Tape shims** along the top ledge of the shower base. See figure 1. Place a shim directly below each plumbing pipe for measuring cutouts later.

    **If panels are to be installed flush to ceiling,** they must all be trimmed to size before you begin. See *Special Instructions, Section One: Trimming Panels That Go to Ceiling* (page 27).
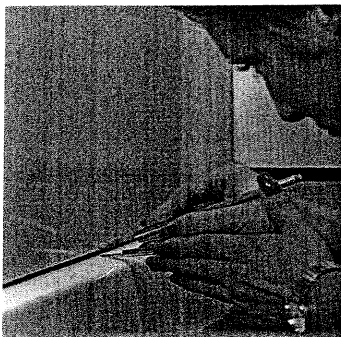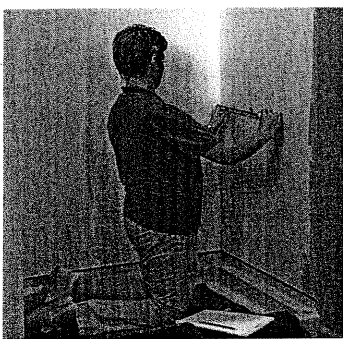


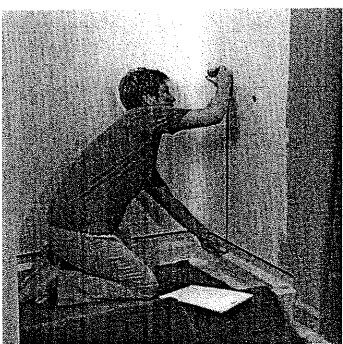**Figure 1**

**Figure 2**



**Figure 3**



**Figure 4**

3. **Locate side panel for wall without plumbing.**

   *Check labels* to make sure the panel is face up and right side up.

4. **Position panel against the wall** so that the curved edge is flush against the back wall. (You might ask a helper to hold the panel steady while you check the fit.)

5. **Check the gap between wall panel and your shower base at the bottom edge.**

   *If gap is no wider than ⅛-inch,* proceed to step 6.

   *If the gap is ⅛-inch or wider* at any point, you'll need to scribe the panel to the shower base with your compass. See figure 2. But don't trim it yet!

6. **Check front edge of panel.**

   *If panel does not extend past the outer edge of shower base,* proceed to step 7.

   *If panel extends past the outer edge of the shower base,* it must be trimmed. But this should **not** be done until scribing, trimming or cutting of plumbing access holes is complete. See *Special Instructions, Section Two: Trimming Front Edge of Panels* (page 28).

7. **Locate panel for wall with plumbing and matching cardboard template** (prepared earlier in "Planning," page 7).

   *Check labels* to make sure the panel is face up and right side up.

8. **Measure and mark template.**

   *Measure the distance from the corner to the center of each plumbing pipe.* See figure 3. Write down your measurement.

   *Measure the distance from the top of a shim on the shower base ledge to the center of each pipe.* See figure 4. Write down your measurements.

   *Repeat the procedure* to double-check measurements.

   *Transfer measurements to template.*

*Measure the size of the holes required* to adequately clear any stems or valves. These holes need to be big enough to allow future servicing of components, but smaller than the finished trim pieces of your fixtures. Double-check your measurements with the actual fixtures themselves.

*Mark holes on template* with your compass.

9. **Cut holes in template** with a utility knife. Cut a little inside the lines to make holes a little smaller than you need. If you need to, you can enlarge them after you "test-fit" the template.

10. **"Test-fit" template on the wall,** making sure the template is flush against the corner. Be sure it's face up and right side up.

11. **"Test-fit" fixtures with template in place.** Adjust holes in template if necessary.
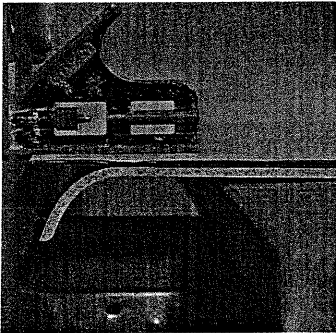
12. **Cut holes in panel.**

    *Lay panel FACE DOWN on sawhorses and rails.*

    *Lay template FACE DOWN over panel.* Make sure the top edge of the template corresponds with the top edge of the panel and that the bottom edges of the panel and the cardboard are flush.

    *Align the edge of the template ¼-inch beyond the curved edge of the panel* with your carpenter's square. See figure 5. This is to compensate for the thickness of back wall panels.

    *Trace holes from the template onto the panel.*

    *Put on eye protection, hearing protection and dust mask.*

    *Carefully cut out the holes* with a router with straight-cut, carbide-tipped bit (run counterclockwise), OR with a power drill, with hole saw or spade bit. Provide support directly under the holes when using a power drill. It will get dusty, so you might want to do a quick cleanup with your shop vac after this step.

    *Lightly sand edge of holes* to prevent cutting your hands when handling.

13. **"Trial-fit" the panel on the wall** with the curved edge flush against the back wall and the bottom edge on the shims.

14. **Check front edge of panel.**



**Figure 5**

*If panel does not extend past the outer edge of shower base,* proceed to step 15.

*If panel extends past the outer edge of the shower base,* it must be trimmed. But this should not be done until any scribing or trimming of the bottom of the panel is complete. See *Special Instructions, Section Two: Trimming Front Edge of Panels* (page 28).

15. **Check the gap between the wall panel and shower base at the bottom edge.**

    *If gap is no wider than ⅛-inch,* proceed to step 16.

    *If the gap is ⅛-inch or wider at* any point, you'll need to scribe the panel to the shower base with your compass. But don't trim it yet!

    *If you had to do any scribing of the side panels, you'll have to make some adjustments to the back panel, too.*

    a. Lay back wall panel FACE UP on your sawhorses.

    b. Measure the width of the panels and check it against the back wall measurement you recorded earlier. If the wall panels are too wide, measure and trim as necessary.

    c. Locate left wall end panel. Measure the distance between the bottom edge of the panel and the scribed line. Write it down.

    d. Measure up that same distance from the left bottom edge of the left back wall panel and mark the panel.

    e. Locate your right wall side panel and again measure the distance between the bottom edge of the panel and the scribed line. Write it down.

    f. Measure up that same distance from the right bottom edge of the right back wall panel and mark the panel.

    g. Carefully draw a straight line on the back panel from mark to mark.

*To trim the panels you scribe...*

    a. Very carefully sand away the bottom edge of each panel with your belt sander until you meet the scribed lines.

    b. "Trial-fit" all panels.

16. **"Trial-fit" all the panels together to check the alignment** of the tops of the panels. If there is more than $\frac{1}{16}$-inch difference from one panel to another, you need to trim the tops of the panels. See *Special Instructions, Section Three: Trimming Top Edges of Panels* (page 28).

17. **Clean the backs of the panels and the walls** with a clean, lint-free, white cloth moistened with denatured alcohol. If you made any pencil marks on the backs of the panels by mistake, be sure you completely remove them. If you don't, they may show through when you're finished.

18. **Locate the back wall panel.** This is the panel you'll install first.
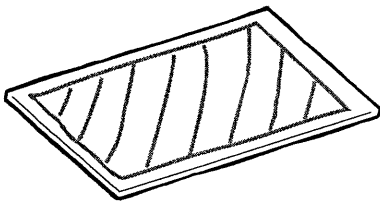
19. **Lay panel FACE DOWN on sawhorses.**

20. **Apply panel adhesive** in a solid bead all around the perimeter, about one inch from the edges. Be sure the bottom edge of your adhesive is higher than the vapor gap cutout on your wall. Then apply the adhesive in diagonal lines across the center of the sheet. See figure 6. Don't scribble or draw pictures! They could show through!

21. **Position the panel against wall** right side up and resting on shims. Press it firmly into place.

22. **Slightly pull away top of the panel** and vent if necessary. Follow the manufacturer's instructions on the adhesive tube.

23. **Apply hot-melt glue to the wall** under the outer top corners of the panel.

24. **Press panel back into place** and hold until the glue sets— 15 seconds should be long enough.

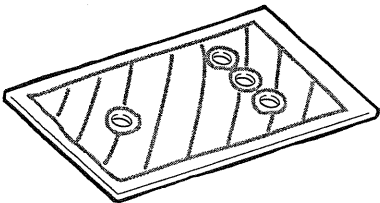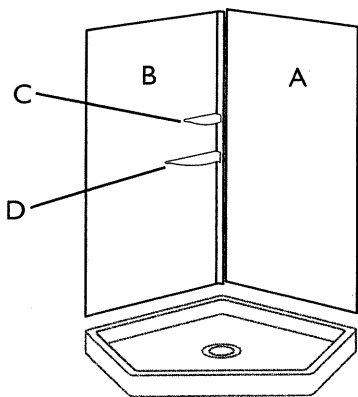25. **Lay side panel with cutouts FACE DOWN on sawhorses.**

26. **Apply panel adhesive to side panel with cutouts** in a solid bead all around the perimeter, about one inch from the edges. Be sure the bottom edge of your adhesive is higher than the vapor gap cutout on your wall. Then apply the adhesive in diagonal lines across the center of the sheet. See figure 7. Don't scribble or draw pictures! They could show through!

27. **Apply Color Matched Silicone for DuPont Corian®** in a smooth bead along the entire length of the back edge of the curved corner.



**Figure 6**



**Figure 7**

28. **Position the panel against wall** right side up and resting on shims Press into place with curved edge slightly away from the back wall panel.

29. **Slightly pull away top of the panel** and vent if necessary. Follow the manufacturer's instructions on the adhesive tube.

30. **Apply hot-melt glue to the wall** under the outer top corners of the panel.

31. **Press panel back into place** so that the entire curved edge fits snugly against the back wall panel and hold until the glue sets—15 seconds should be long enough.

32. **Inspect your work.** If the gap between the curved corner is wider than $\frac{1}{16}$ of an inch, loosen the panel, reapply hot-melt glue and try it again.

33. **Clean** away the excess silicone from the corner seam with a clean, lint-free, white cloth moistened with denatured alcohol.

34. **Install side panel without cutouts** by following steps 25–34.

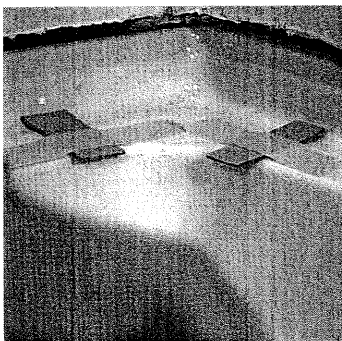**Nice work! Proceed to "Finishing" (page 26).**

**Each 2-wall shower surround kit contains:**

1 — wall panel with flat corner edge (A)

1 — wall panel with curved corner edge (B)

1 — soap shelf (C)

1 — shampoo shelf (D)

1 — sponge corner insert

1 — tube Color Matched Silicone for DuPont Corian®

1 — adhesive for installing soap/shampoo shelves

1 — installation guide

1 — installation video

1 — packet of cardboard shims

1 — Corian® warranty folder

**Note: The way you install a two-wall corner shower kit may vary, depending on your bathroom layout and the dimensions of your shower base. In this example, we describe installation over a square, neo-angle shower base with the flat-edge panel on the wall with the plumbing cutouts and the curved-edge panel on the blank wall (see drawing and photo above).**

**Installation:**

1.  **Locate the cardboard shims** in your carton.

2.  **Tape shims** along the top ledge of shower base. See figure 1. Place a shim directly below each plumbing pipe for measuring cutouts later.

    *If panels are to be installed flush to ceiling,* they must all be trimmed to size before you begin. See *Special Instructions, Section One: Trimming Panels That Go to Ceiling* (page 27).



**Figure 1**

3. **Check plumb of corner of walls** by placing your level against the wall without the plumbing.

*If the corner is perfectly plumb,* proceed to step 4.

*If the corner is not plumb,* complete following steps:

a. Mark the "high" point where the wall is farthest out of plumb.

b. For a 36-inch shower base, measure 35¼" out from the "high" point and mark the wall.

c. For a 38-inch shower base, measure 37¼" out from the "high" point and mark the wall.

d. Pencil a plumb, vertical line on that mark that is the full height of the panel to be installed.

*If the vertical line is not beyond the curved edge on the front of the shower base, proceed to step 4.*

*If the vertical line falls beyond the curved edge,* complete following steps:

a. Mark the point where the flat section of the shower base ends and the front curve begins.

b. Draw a new vertical line with your level.

c. Measure back from the original line you drew and trim the panel accordingly along the edge that meets the corner.

4. **Locate the flat-edge panel for the wall with plumbing and the matching cardboard template** (prepared earlier in "Planning," page 7).

*Check labels* to make sure the panel is face up and right side up.
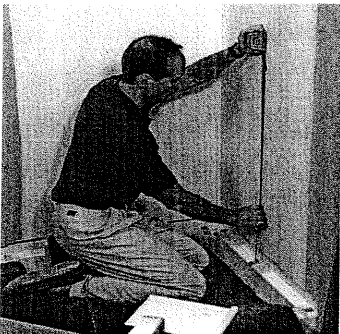
**Figure 2**



**Figure 3**

5. **Measure and mark template.**

   *Measure the distance from the vertical plumb line you drew to the center of each plumbing pipe.* See figure 2. Write down your measurement.

   *Measure the distance from the top of a shim on the shower base ledge to the center of each pipe.* See figure 3. Write down your measurements.

   *Repeat the procedure* to double-check measurements.

   *Transfer measurements to the template.*

   *Measure the size of the holes required* to adequately clear any stems or valves. These holes need to be big enough to allow future servicing of components, but smaller than the finished trim pieces of your fixtures. Double-check your measurements with the actual fixtures themselves.

   *Mark holes on template* with your compass.

6. **Cut holes in template** with a utility knife. Cut a little inside the lines to make holes a little smaller than you need. If you need to, you can enlarge them after you "test-fit" the template.

7. **"Test-fit" template on the wall,** making sure the template is flush against the vertical plumb line. Be sure it's face up and right side up.

8. **"Test-fit" fixtures with template in place.** Adjust holes in template if necessary.

9. **Cut holes in panel.**

   *Lay panel FACE DOWN on sawhorses and rails.*

   *Lay template FACE DOWN over panel.* Make sure the top edge of the template corresponds with the top edge of the panel and that the bottom and side edges of the panel and the cardboard are flush.

   *Trace holes from the template onto the panel.*

   *Put on eye protection, hearing protection and dust mask.*

   *Carefully cut out the holes* with a router with straight-cut, carbide-tipped bit (run counterclockwise), OR with a power drill, with hole saw or spade bit. Provide support directly under the holes when using a power drill. It will get dusty, so you might want to do a quick cleanup with your shop vac after this step.

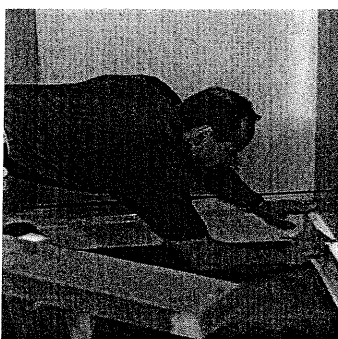   *Lightly sand edge of holes* to prevent cutting your hands when handling.

**Figure 4**

10. **"Trial-fit" the panel on the wall** with the outside edge flush against the vertical plumb line and the bottom edge on the shims.

11. **Check the gap between the wall panel and shower base at the bottom edge.**

    *If gap is no wider than ⅛-inch,* proceed to step 12.

    *If the gap is ⅛-inch or wider* at any point, you'll need to scribe the panel to the shower base with your compass. See figure 4.

    *Trim the bottom edge of the panel:*

    a. Lay back wall panel FACE UP on your sawhorses.

    b. Very carefully sand away the bottom edge of panel with your belt sander until you meet the scribed line.

    c. "Trial-fit" panel and tape into place.

    d. Recheck gap at bottom and retrim if necessary.

    e. Keep panel taped in place while you "trial-fit" the other panel.

12. **Locate curved-edge panel for wall without plumbing.**

    *Check labels* to make sure the panel is face up and right side up.

13. **Position panel against wall** so that the curved edge is flush against the other panel. (You might ask a helper to hold the panel steady while you check the fit.)

14. **Check the gap between the wall panel and shower base at the bottom edge.**

    *If gap is no wider than ⅛-inch,* proceed to step 15.

    *If the gap is ⅛-inch or wider* at any point, you'll need to scribe and trim the panel. Repeat the procedure in step 11.

15. **"Trial-fit" panel to check alignment** of the top edges of both panels. If there is a difference of ¹⁄₁₆-inch or more, set your compass to the difference. Scribe the bottom of the longer panel and sand away the bottom edge to the line.

**16. Check front edge of panel.**

*If panel does not extend past the outer edge of shower base,* proceed to step 17.

*If panel extends past the outer edge of the shower base,* it must be trimmed. But this should not be done until any scribing, trimming or cutting of plumbing access holes is complete. See *Special Instructions, Section Two: Trimming Front Edge of Panels* (page 28).

**17. Clean the backs of the panels and the walls** with a clean, lint-free, white cloth moistened with denatured alcohol. If you made any pencil marks on the backs of the panels by mistake, be sure you completely remove them. If you don't, they may show through when you're finished.

**18. Locate flat-edge, plumbing wall panel.** This is the panel you'll install first.

**19. Lay panel FACE DOWN on sawhorses.**
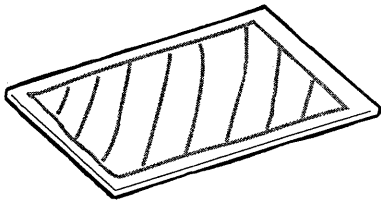
**20. Apply panel adhesive** in a solid bead all around the perimeter, about one inch from the edges. Be sure the bottom edge of your adhesive is higher than the vapor gap cutout on your wall. Then apply the adhesive in diagonal lines across the center of the sheet. See figure 6. Don't scribble or draw pictures! They could show through!

**21. Position the panel against wall** right side up and resting on shims with the outside edge aligned with the vertical plumb line on the wall. Press it firmly into place.

**22. Pull away top of the panel slightly** and vent if necessary. Follow the manufacturer's instructions on the adhesive tube.

**23. Apply hot-melt glue to the wall** under the outer top corners of the panel.

**24. Press panel back into place** and hold until the glue sets— 15 seconds should be long enough.

**25. Lay curved-edge panel FACE DOWN on sawhorses.**
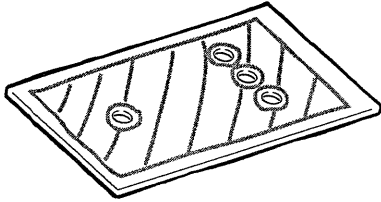
**Figure 6**

**Figure 7**

26. **Apply panel adhesive to curved-edge panel** in a solid bead all around the perimeter, about one inch from the edges. Be sure the bottom edge of your adhesive is higher than the vapor gap cutout on your wall. Then apply the adhesive in diagonal lines across the center of the sheet. See figure 7. Don't scribble or draw pictures! They could show through!

27. **Apply Color Matched Silicone for DuPont Corian®** in a smooth bead along the entire length of the back edge of the curved corner.

28. **Position panel against wall** resting on shims. Press into place with curved edge slightly away from the back wall panel.

29. **Pull away top of the panel slightly** and vent if necessary. Follow the manufacturer's instructions on the adhesive tube.

30. **Apply hot-melt glue to the wall** under the outer top corners of the panel.

31. **Press panel back into place** so that the entire curved edge fits snugly against the back wall panel and hold until the glue sets—15 seconds should be long enough.

32. **Inspect your work.** If the gap between the curved corner is wider than $1/16$ of an inch, loosen the panel, reapply hot-melt glue and try it again.

33. **Clean** away the excess silicone from the corner seam with a clean, lint-free, white cloth moistened with denatured alcohol.

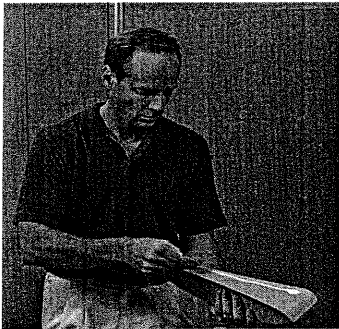**Nice work! Proceed to "Finishing" (page 26).**

# Finishing

1. **Install soap/shampoo shelves.**

   *Decide where you want your soap dish and your shampoo shelf.* Think about how your family or guests might actually use them, but be sure they're out of the way of normal bathing or showering activities. Experiment!

   *Mark the locations* with masking tape.

   *Prepare the wall area and the backs of the shelves* with a clean, lint-free, white cloth moistened with denatured alcohol.

   *Mix the adhesive* from your kit. Please follow directions on the package.

   *Spread adhesive* uniformly across the back of the shelf, leaving a clean area in the center. See figure 1.

   *Put a couple of dabs of hot-melt glue on the back*—in the clean area in the center.

   *Press the shelf into place* and hold it firmly until the glue sets—about 15 seconds should do it.

   *Immediately clean away excess adhesive* with a clean, lint-free, white cloth moistened with denatured alcohol. This must be done before the adhesive sets.

2. **Insert sponge corner inserts** in corners behind the curved wall panels.

3. **Remove all shims and tape** along the bottom of the panels.

4. **Reinstall all plumbing controls and fittings.**

5. **Run smooth clean beads** of Color-Matched Silicone for DuPont Corian® between wall panels, around shampoo and soap shelves, along the top ledge of your shower or tub base and along all edges of panels, including the top edges.

   *If your bead gets out of line,* wrap a clean, lint-free, white cloth around your index finger—moisten the tip with denatured alcohol—and wipe in a smooth, steady line along the bead. Change your cloth when it gets messy. This works like a charm.

6. **Clean up. Stand back and admire your work. And celebrate.**

7. **Keep the area well ventilated** for the next 24 hours, while the adhesives and silicone are curing.

8. **Wait 24 hours** before using your tub or shower, or installing other accessories, such as glass tub or shower enclosures.

   **Installing Optional Wall Trim?** See *Special Instructions, Section Four: Installing Optional Wall Trim* (page 29).



**Figure 1**

# Special Instructions

### Section One: Trimming Panels That Go to Ceiling

If you are installing panels flush with the ceiling, they must be trimmed to size as your first step in the installation process.

*Procedure:*

a. Be sure shims are taped in place along top of tub or shower base ledge. Use at least three shims for each panel to be installed, at points that correspond to the left, right and center of each panel.

b. At eye level, draw a continuous level horizontal line around the walls where panels will be installed.

c. Measure up from each shim to the level line. Double-check your measurements. Write them down. Making a simple diagram of the panels will be helpful.

d. Note the longest measurement and—on each panel— measure up that distance from the bottom and mark a point on each side in pencil. Use a straightedge to draw a horizontal line across each panel from mark to mark.

e. Transfer measurements to bottoms of panels by measuring down from the horizontal line on your panels. Follow your diagram and do one panel at a time.

f. Measure from the level line on your walls to the ceiling at several points along each wall that correspond to the locations of the shims below. Double-check your measurements and write them down on your diagram.

g. Transfer measurements to tops of panels by measuring up from the horizontal line on your panels. Follow your diagram and do one panel at a time.

h. Draw straight lines between each point that you've marked.

i. Lay a panel FACE UP on the sawhorses.

j. Put on eye protection, hearing protection and a dust mask.

k. If a small amount needs to be trimmed (¼-inch or less), carefully sand down to each line with a belt sander.

l. If a larger amount needs to be trimmed (more than ¼-inch), carefully cut the panel with a router, using a straight-cut, carbide-tipped bit. Hand-sand each routed edge until smooth to the touch.

m. Repeat the procedure for each panel.

## Section Two: Trimming Front Edge of Panels

If the front edge of the side panels extend beyond the front edge of the tub or shower base, they can be trimmed after any required scribing, trimming or cutting of plumbing access holes is complete.

*Additional tools required:*

— A router guide somewhat longer than the height of the panel

— C-clamps with cushioned tips

— A $1/4''$ carbide-tipped, roundover router bit (if you want to restore the original radius edge)

*Procedure:*

a. Place panel in its final position. Hold firmly in place with masking tape or ask a helper to hold it in place.

b. Mark the bottom of the panel.

c. Using a level, draw a plumb vertical line from the bottom of the panel to the top.

d. Place panel face up on the sawhorses and clamp it in place.

e. Firmly clamp the router guide to the sheet.

f. Put on eye protection, hearing protection and dust mask.

g. To restore the original radius edge of the panel, carefully cut the panel with the router, using a $1/4$-inch radius, single-flute, carbide-tipped bit.

If the front edge of the panel will be covered with trim, cut with a straight-cut, carbide-tipped blade.
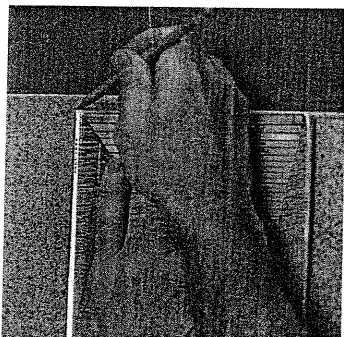
h. Sand panel to remove router marks.

## Section Three: Trimming Top Edges of Panels

If there is more than $1/16$-inch difference in the height between the tops of the panels, you need to trim the panels.

*Procedure:*

a. "Trial-fit" all panels together. Either tape them into their final position or ask a helper or two to hold them for you.

b. Find the lowest point. From there, draw a level horizontal line all around the top. See figure 1.



**Figure 1**

**Figure 2**

c. When you get to the curved corner, here's an easy way to continue drawing your level line:

Line up the top of a magazine with the line you drew. Press the magazine evenly against the curved corner and draw your line along the top. See figure 2. This works like a flexible straight-edge!

d. Continue drawing your horizontal level line around the tops of the other panels.

e. Carefully sand the top edge of each panel with your belt sander, down to the line you drew.

## Section Four: Installing Optional Wall Trim

*Additional tools required:*

— For straight cuts: miter box or fine-toothed hand saw

— For curved cuts: saber saw with a fine-toothed blade

*Procedure:*

a. Scribe a vertical line on the wall to mark the position of the outer edge of the trim.

b. Measure and cut to length just as you would with wood trim.

*For straight cuts,* mark and cut with miter box or fine-toothed hand saw.

*For curved cuts,* scribe the curve and carefully cut with a saber saw with a fine-toothed blade.

c. Sand cut edges smooth.

d. Apply beads of silicone.

e. Apply a few dabs of hot-melt glue toward the center of trim.

f. Press into place against scribed vertical line until glue sets.

g. Clean away excess silicone with a clean, lint-free, white cloth moistened with denatured alcohol.

# Warranty and Care

**Keeping Corian® Surfaces Looking Like New**

Products made with Corian® surfaces require minimal care to maintain their original beauty. Follow these simple guidelines to keep your tub or shower walls of DuPont Corian® looking like new:

*To remove water marks,* simply wipe the surface with a damp cloth.

*To remove stains,* wipe with soapy water or ammonia-based cleaners.

*To remove stubborn stains,* use a nonabrasive cleanser or diluted bleach and a scrub pad.

*To maintain a like-new finish,* rub occasionally with a scrub pad.

*To disinfect,* occasionally wipe surface with diluted household bleach (1 part water/1 part bleach).

**Complement Your New Tub or Shower Surround**

Corian® surfaces are a natural in the bathroom. They're elegant, yet durable enough to handle anything you or the kids can throw at them. Our Tub and Shower Surrounds of Corian® coordinate perfectly with our Ready-To-Install One-Piece Vanity Tops with single or double bowls.

Or add a custom vanity top or other custom touches such as tub decks or windowsills made with Corian® to complete a new bathroom suite. With so many Colors of Corian®, it's easy to express your personal style. And wherever you put Corian® surfaces, you'll find them perfect for the way we want to live—easy to care for and enduringly beautiful.

For more details, talk to your Retailer.

For more details, talk to your Retailer.

Visit our Web site anytime: **www.corian.com**

Or call DuPont toll-free:

**1-800-4-CORIAN® (1-800-426-7426)**

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