

# SOLID SURFACING BY FORMICA GROUP TECHNICAL DATA



## RECOMMENDED APPLICATION

Solid Surfacing by Formica Group is a solid homogeneous material suitable for many functional and decorative applications. It is a fully densified composite of modified resin and mineral filler. The product is available in the following forms:

- Sheet stock in 1/4" (6.4mm) and 1/2" (12.7mm)
- Kitchen sinks, single and double bowl designs
- Vanity bowls
- Edge strips and windowsills

Solid Surfacing by Formica Group is ideally suited for domestic use in the kitchen and bathroom. It is also widely specified for a full range of uses in offices, banks, restaurants, hospitals and other commercial applications.

## FABRICATION AND ASSEMBLY

Refer to the *Solid Surfacing Fabrication Guide by Formica Group* for full information on working with Solid Surfacing by Formica Group. Follow accepted standard practices and safety procedures.

## LIMITATIONS

Solid Surfacing by Formica Group is not recommended for certain applications, which include: exposure to heat sources that may elevate material temperature above 175°F (79°C), including hot pads for cookware, as excessive heat may cause stress fractures; below-grade wall surfacing, if moisture can affect the adhesive bond; exterior use, due to the possibility of some color change caused by exposure to direct sunlight. The 1/4" (6.4mm) thick material should not be used for countertops or other horizontal applications. Exposure to certain strong chemicals may be harmful; refer to the Use and Care section for specific recommendations. Do not allow dry ice to come in contact with Formica Solid Surfacing sheets or sinks.

## STORAGE

Solid Surfacing by Formica Group sheets should be stored horizontally on the shipping skids. If the skids are stacked, limit the stack to three (3) skids high and only stack skids of the same size. Store the skids of Formica Solid Surfacing on a flat horizontal surface or support with at least three (3) cantilever rack arms. If sheets are stored individually, they should be stored flat horizontally and well supported to prevent sagging and warping. Do not put long sheets on top of shorter sheets.

Formica Solid Surfacing should not be stored vertically; this can cause warping within the sheet.

- Solid Surfacing by Formica Group kitchen sinks and vanity bowls may be stacked up to six (6) boxes high of the same size.

## PRECONDITIONING

Solid Surfacing by Formica Group sheets, sinks, bowls and adhesives should be 65°F (18°C) or warmer prior to fabrication.

## SUBSTRATES AND SUPPORTS

Solid Surfacing by Formica Group sheets for horizontal surfaces such as countertops should be supported every 18" (457mm) for 1/2" (12.7mm) thickness. Do not use 1/4" (6.4mm) thick sheets for horizontal applications.

- Do not use a full wood underlayment as a support for horizontal sheets.
- Restrict unsupported overhang to 6" (152.4mm) for 1/2" (12.7mm) thick Solid Surfacing by Formica Group sheets.
- Do not use particle board.

## ADHESIVES

For seams and drop edges, use Solid Surfacing by Formica Group Seaming Cartridge.

Wood and wood veneer inserts (as in some drop-edge designs) can be bonded to Solid Surfacing by Formica Group with clear epoxy adhesive or clear silicone sealant.

When attaching Solid Surfacing by Formica Group countertops to cabinets, use dime-size dabs of a clear silicone sealant every 12"–18" (304.8–457.2mm), then lower the unit into place.

When installing vertical panels for shower and bath surrounds, use a clear silicon adhesive. Apply a 3/16"–1/4" bead around the perimeter and at 6"–8" intervals in the middle.

When installing backsplash sections, use a clear silicone adhesive. If the backsplash is less than 8" (203.2mm) high, it may be bonded to the countertop using Solid Surfacing by Formica Group Seaming Adhesive.

## ASSEMBLY

When countertops are placed between walls, allow 1/8" (3.2mm) space per 10' (3.05m) length for dimensional movement.

All inside corners of cutouts must be radiused as large as possible, to a minimum of 1/2" (12.5mm), and reinforced with Solid Surfacing by Formica Group corner blocks to avoid stress cracking. The edges and corners should be sanded smooth and free of chips or nicks. Two layers of heat-conductive aluminum tape must be used for drop-in stoves and around heat sources to protect from thermal stress. See the latest *Solid Surfacing by Formica Group Fabrication Guide* (Form No. 10-003) for details.

## POLISHING

Consult the *Solid Surfacing by Formica Group Technical Brief — Polishing* (Form No. 10-042) or *Solid Surfacing by Formica Group Fabrication Guide* (Form No. 10-003) for detailed information.

# SOLID SURFACING BY FORMICA GROUP

## TECHNICAL DATA CONTINUED



### PRODUCT AVAILABILITY

**Sheet Stock** is generally available in two thicknesses, in the following nominal sizes:

Thickness	Width	Length	Weight
1/4" (6.4mm)	30" (76.2cm)	98" (248.9cm)	2.2lb/ft <sup>2</sup>
1/2" (12.7mm)	30" (76.2cm)	145" (368.3cm)	4.3lb/ft <sup>2</sup>

All **Kitchen Sinks** are available in Arctic and Frost. Models S200, S420 and S175 are available in all solid colors.

#### K080

OD 22 5/8" x 17 3/4"  
ID 20 5/8" x 15 3/4" x 7 1/2" deep  
Single bowl, large

#### K155

OD 30 7/8" x 18"  
ID 17 3/4" x 16 1/8" x 7 1/2" deep  
ID 9 1/2" x 16 1/8" x 5" deep  
Double bowl, one large and one small bowl

#### S075

OD 19 3/8" x 16 1/2"  
ID 17 1/2" x 14 5/8" x 8 7/8" deep  
Single bowl, standard

#### S050

OD 14 1/2" x 14 1/2"  
ID 12 5/8" x 12 5/8" x 6 1/2" deep  
Single bowl, bar/utility sink

#### SB025

OD 8 3/16" x 14 1/2"  
ID 6 5/16" x 12 5/8" x 6 1/2" deep  
Single bowl, bar/utility sink

#### K250

OD 30" x 18"  
ID 13 3/8" x 16 1/8" x 7 1/2" deep  
Double bowl, two equal sized bowls

**Vanity Bowls**—Check for color availability.

#### L100

OD 20 5/8" x 15 5/16"  
ID 18 5/8" x 13 5/16" x 5 3/8" deep  
Large, front overflow\*

#### L075

OD 18 1/2" x 15 1/16"  
ID 16 1/2" x 13 1/16" x 5 1/4" deep  
Standard, front overflow\*

#### V065

OD 18" x 14"  
ID 16" x 12" x 5" deep  
Standard, front overflow\*

#### L050

OD 16 11/16" x 12 1/4"  
ID 14 11/16" x 10 1/4" x 5 1/2" deep  
Small, front overflow\*

#### L080

OD 17 7/8" x 15 15/16"  
ID 14 15/16" x 13" x 5" deep  
Back overflow\*

\*Bowls can be installed to meet American Disabilities Act (ADA) specifications. Please see [www.access-board.gov](http://www.access-board.gov) for current ADA guidelines and information.

### HOW TO SPECIFY

Solid surfacing material shall be Solid Surfacing by Formica Group provided by Formica Corporation, Cincinnati, Ohio.

#### Sheet Stock

Thickness	Width	Length	Color
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#### Kitchen Sink

Model No.	Color
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#### Vanity Bowls

Model No.	Color
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#### Edge Strips/Windowsills

Thickness	Width	Length	Color
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## SOLID SURFACING BY FORMICA GROUP TECHNICAL DATA CONTINUED



### Compositions which typically DO NOT stain Formica® Solid Surfacing sheets and sinks:

Beet Juice  
Bleach  
Butyl Acetate  
Butyl Ether  
Catsup  
Citric Acid (10%)  
Coffee  
Detergent (5%)  
Gasoline  
Grape Juice  
Hydrogen Peroxide  
Isopropyl Alcohol (70%)  
Lemon Juice  
Methyl Acetate  
Methyl Ethyl Ketone  
Mustard  
Olive Oil  
Pig Blood  
Soap (5%)  
Sodium Sulfate (10%)  
Soy Sauce  
Tea  
Toluene  
Tomato Juice  
Trisodium Phosphate (1%)  
Vegetable Oil  
Vinegar (Acetic Acid)  
Wine  
Xylene  
Zinc Chloride (10%)

### Compositions which COULD stain Solid Surfacing by Formica Group sheets and sinks:

Acetone  
\* Benzyl Ammonium Chlorides (Anti-germicidals)  
\* Cupra Ammonia  
\* Ethyl Alcohol  
Hydrochloric Acid  
Inks  
Mercurochrome (2%)  
Methiolate (1%)  
Methyl Orange  
Methyl Red  
Nail Polish  
Providine Iodine (10%)  
Red Food Dye  
Shoe Polish  
Sodium Hydroxide  
Sulfuric Acid  
Washable Ink

\* Wipes and Solutions used to sterilize medical environments

\* Stains can normally be removed by following the Formica Solid Surfacing Use and Care Instructions.

### USE AND CARE

Solid Surfacing by Formica Group is not only one of the most beautiful surfacing materials available today, but also one of the most durable. A product of sophisticated modern technology, Solid Surfacing by Formica Group is resistant to stains, bacteria, and impact. It is nonporous, with the same color and pattern running throughout its thickness. This combination of features provides a deep, rich appearance that's easy to care for, so its beauty can be preserved for years to come.

Do not use over-the-counter cleaners that contain strong acids (e.g. cleaners for tile, grout, ceramic stove tops, toilet bowls, etc.). We recommend using either Countertop Magic or Plexus as polishes you can put on your Solid Surfacing countertop to enhance the shine. We do not recommend using Hope's polish.

#### NORMAL CLEANING – LIGHT COLORS WITH A MATTE OR SATIN FINISH:

Solid Surfacing by Formica Group is nonporous and can be easily wiped clean with a damp cloth or sponge and mild detergents or general purpose cleaner such as Mr. Clean® or Lestoil®. If you have a Matte finish, abrasive cleansers like Ajax®, Bon Ami® or Comet® may also be used. Periodically, it may also be helpful to go over the entire surface with an abrasive cleanser or a wet 7447 Scotch-Brite® pad (if Matte finish) or a wet 7448 Scotch-Brite® pad (if Satin finish) to maintain a uniform appearance. Rinse with water and towel dry.

#### NORMAL CLEANING – DARK COLORS WITH A SEMI-GLOSS OR GLOSS FINISH:

Dark colors usually have a higher gloss than a Matte finish. Maintenance is generally limited to wiping with a mild detergent on a damp cloth and wiping dry.

## SOLID SURFACING BY FORMICA GROUP

### TECHNICAL DATA CONTINUED



#### (USE AND CARE CONTINUED)

##### SOME SIMPLE PRECAUTIONS

Do not place hot pans directly from the burner or oven on the countertop surface. Even though Solid Surfacing by Formica Group can withstand up to 175° F, prolonged or extreme heat could cause damage to the surface. A trivet should always be used under all heated appliances, such as crock pots, electric fry pans, coffee pots, etc. Extreme temperature swings should be avoided. When pouring hot water (from boiling pasta, potatoes, etc.) into sink, always run warm water to reduce temperature extremes.

Do not use your countertop as a cutting board. Although minor cuts and scratches on a matte finish can be repaired by the consumer, deep cuts and high gloss finished tops will require the service of a professional, which is an extra expense. (An extra piece of Solid Surfacing by Formica Group from your fabricator makes an excellent cutting board to protect your counter.)

Do not stand or sit on your countertop.

No dry ice. Do not allow dry ice to come in contact with Formica Solid Surfacing sheets or sinks.

##### SPILLS AND STAINS

While most everyday spills can be removed with the cleaning techniques listed, some troublesome spills and stains such as food dye, tea and fruit drinks may require more aggressive cleaning. These items can be removed using full-strength bleach for two to five minutes, followed by a general cleaner and flushing with water. On Matte finish, if you prefer, you can scrub with an abrasive cleanser.

Strong acids such as those found in drain, toilet bowl and oven cleaners should be used cautiously around Solid Surfacing by Formica Group. If these items are accidentally spilled, wipe them up at once and rinse with water. Some of these items, if left on the surface, may cause whitening, which can be difficult to remove.

Should a burning cigarette accidentally come in contact with the surface, it could leave a nicotine stain or a scorch mark. Either of these can be removed by cleaning with an abrasive cleanser or buffing with a Scotch-Brite® pad.

##### REMOVING SCRATCHES

**To remove fine scratches or burnished areas from the surface of a dark colored solid surface:**

Pour some mild abrasive liquid such as Comet® Cleanser or Soft Scrub® on a soft damp sponge or damp cotton cloth. In a circular motion, rub the area you wish to repair. Mild pressure should be applied. Clean the area thoroughly with clean water and wipe the surface until it is completely dry. Inspect to see surface to see if the damage has been repaired, if not, repeat steps 1–3.

**For the deeper scratches, more aggressive abrasives may be required.**

**Gray** (ultra fine) for satin finish 3M Scotch-Brite #7448 or Mirka® Mirlon #448

**White** (super fine) for buffing the finish 3M Scotch-Brite #7445 or Mirka® #445

Soak the **Gray** pad in clean water. In a circular motion, rub the area you wish to repair. Mild pressure should be applied. Clean the area thoroughly with clean water and wipe the surface until completely dry. Check to see if the damage has been removed. If not, repeat until damaged area is renewed.

Soak the **White** pad in clean water. In a circular motion, rub the area previously sanded with the Gray pad. Clean the area the thoroughly with clean water and wipe the surface until completely dry. Check to see if the area has been blended to back to the original finish. Rubbing of the entire surface with the White pad may be necessary to blend the repaired area to the whole area.

**Matte Finish:** Sand with 220-grit sandpaper on sanding block. Use small circular motions until scratch is gone. Blend finish with an abrasive cleanser and a maroon 7447 Scotch-Brite® Pad.

**Satin Finish:** Sand with 320-grit sandpaper on sanding block. Use small circular motions until the scratch is gone. Blend finish with Soft Scrub® Cleanser (or equivalent) and a gray 7448 Scotch-Brite® pad.

**Semi-Gloss Finish:** Sand with 600-grit sandpaper on sanding block. Use small circular motions until the scratch is gone. Blend finish with a nonabrasive cleanser and a white 7445 Scotch-Brite® pad.

**Polished Finish:** Specialized tooling is required to achieve a high-gloss finish. Please contact your professional fabricator.

Maintenance is limited to cleaning with mild detergents or nonabrasive countertop cleaners and a soft cloth. *Should the above maintenance steps create a variation in the surface finish, proceed with the final blending step over the entire countertop surface.*

Mr. Clean, Lestoil, Ajax, Comet, Scotch-Brite, Bon Ami, Countertop Magic, Plexus and Soft Scrub are all trademarks of their respective owners.

# SOLID SURFACING BY FORMICA GROUP

## TECHNICAL DATA CONTINUED



### PRODUCT PERFORMANCE PROPERTIES (FOR ACRYLIC BASE/POLYESTER PARTICLES SOLID SURFACING SHEETS ONLY)

PROPERTY	RESULT	TEST
<b>Fungal Resistance</b>	Fungus Resistant – No growth	ASTM G21
<b>Bacterial Resistance</b>	Bacterial Resistant – No growth	ASTM G22
<b>Izod Impact</b>	0.21	ASTM D256
<b>Barcol Hardness</b>	65	ASTM D2583
<b>Ball Impact Resistance*</b>	No fracture at 170 inch drop	NEMA LD3-3.8
<b>Tensile Properties</b>		
<b>Tensile Strength</b>	2340 psi	ASTM D638
<b>Tensile Modulus</b>	1.4 x 10 <sup>6</sup>	
<b>Flexural Properties</b>		
<b>Flexural Modulus of Elasticity</b>	1.1 x 10 <sup>6</sup>	ASTM D790
<b>Flexural Modulus</b>	1.1 x 10 <sup>6</sup>	
<b>Water Absorption</b>	0.190% to 0.251% long term	ASTM D570
<b>Thermal Expansion</b>	0.201 to 0.224%	ASTM D696
<b>Specific Gravity</b>	1.671 to 1.816	ASTM D792
<b>Flammability</b>	<i>(Meets requirements for Class I and Class A)</i>	
<b>Flame Spread</b>	0.5" to 1.18" (3cm thickness) < 10 e Series < 20	ASTM E-84-05, ANSI/UL 723
<b>Smoke Developed</b>	0.5" to 1.18" (3cm thickness) < 175 e Series < 400	
<b>Colorfastness</b>	Pass ΔE < 2.0	ANSI Z124.6-1997 5.1
<b>Stain Resistance</b>	Pass	ANZI Z124.6 1997 5.2
<b>Wear &amp; Cleanability</b>	Pass	ANZI Z124.6 1997 5.3
<b>Boiling Water Resistance</b>	No effect to moderate effect	NEMA LD3-3.5
<b>High Temperature Resistance</b>	Moderate to no effect	NEMA LD3-3.6

Based on ½ inch material

\* Ball Impact Resistance: Tested with ½ lb. steel ball, no fracture was reported at 113.5 inches, the maximum height of the impact tester.

### CODES AND SPECIFICATIONS

#### SOLID SURFACING BY FORMICA GROUP

NSF 51, Greenguard

#### GREENGUARD CERTIFICATION

Any information or suggestion provided by Manufacturer concerning applications, specifications or compliance with codes or standards relating to Formica® products is provided solely for your convenient reference and without any representation as to accuracy or suitability. Manufacturer disclaims any legal responsibility with respect to such information or suggestions. The user must independently verify and test the suitability of any information or products for their own particular purpose or specific application.

All reports on test data or other technical data apply only to the actual product tested, and not to any similar material or product, nor to any production run of such material or product. Different test results can occur based on different test conditions, substrates, adhesives, and testing methods or standards. Users of published information about test data or other technical data should carefully review the description of actual specimens tested and test information provided or available from the manufacturer or testing agency. Manufacturer disclaims any legal responsibility with respect to such test data and technical data.

The Product is further described in Manufacturer's most current product warranty, use and test information located at [www.formica.com](http://www.formica.com), which is the only authorized source for published technical information about Formica® brand products. Due to the variety of uses and applications to which Formica brand products may be put, Manufacturer can make no warranty that this Product is suitable for any particular purpose, and can make no other warranties, express or implied, other than those set forth at [www.formica.com](http://www.formica.com).

# SOLID SURFACING BY FORMICA GROUP

## TECHNICAL DATA CONTINUED



### PRODUCT PERFORMANCE PROPERTIES FOR ACRYLIC SOLID SURFACING (UNDER TOLL)

#### GENERAL:

THICKNESS TEST	0.500"	NA
SPECIFIC GRAVITY	1.6	ASTM D 792
WATER ABSORPTION (24HRS)	0.04%	ASTM D 570

#### MECHANICAL:

TENSILE STRENGTH	4,00 PSI	ASTM D 638
TENSILE MODULUS	1,100,00 PSI	ASTM D 638
TENSILE ELONGATION	2.10%	ASTM D 638
FLEXURAL STRENGTH	8,000 PSI	ASTM D 790
FLEXURAL MODULUS	1,100,000 PSI	ASTM D 790
BARCOL HARDNESS	60	ASTM D 2583
ROCKWELL HARDNESS	86	ASTM D 785
UN-NOTCHED IZOD IMPACT	1.4 FT. LBS/INCH	ASTM D 4812
NOTCHED IZOD IMPACT	0.14 FT. LBS/INCH	ASTM D 256
BALL IMPACT	>150"	NEMA LD3-3.8

#### THERMAL :

DTUL @ 264 PSI	200°F	ASTM D 648
COEFFICIENT OF THERMAL EXPANSION	2.3 X 10 <sup>-5</sup> IN/IN°F	ASTM D 696
BOILING WATER RESISTANCE	NO EFFECT	ISSFA SST 8.1-100
HIGH TEMPERATURE RESISTANCE	NO EFFECT	ISSA SST 9.1-100
FLAME SPREAD INDEX	<25	ASTM E 84
SMOKE DEVELOPMENT INDEX	<25	ASTM E 84
COMBUSTION TOXICITY	SOLID COLORS - 98, PATTERNS - 67	PITTSBURGH PROTOCOL (LC50 TEST)

#### SURFACE:

CONSISTENCY OF COLOR (SAME SHEET)	PASSES	ISSFA SST 2.1-100
LIGHT RESISTANCE	NO EFFECT	ISSFA SST 7.1-100
CLEANABILITY	13/NO EFFECT	NEMA LD3-3.4
STAIN RESISTANCE	PASSES	ANSI 124.3
FUNGI RESISTANCE	NO GROWTH	ASTM G 21
FOOD ZONE IN USE	NSF 51 APPROVED	NSF

### LIMITED WARRANTY

#### SOLID SURFACING BY FORMICA GROUP – 10 YEAR LIMITED WARRANTY.

Formica Corporation warrants to the original end-use purchaser that Formica Corporation will, at its option, repair or replace without charge, or refund the cost of Solid Surfacing by Formica Group, if the product fails solely due to a manufacturing defect within ten (10) years of the date of initial installation, subject to the exclusions set forth below. Repair or replacement during this 10-year period shall include reasonable labor charges needed to repair or replace the defective product, but shall not include the costs associated with removal, repair or replacement of fixtures, hardware or decorative treatments (such as floor, wall or ceiling treatments). During the entire 10-year warranty period, Formica Corporation's obligation as to repair or replacement shall further be limited to replacement or repair with colors and styles of products that are available at the time of replacement or repair. You may obtain coverage under this warranty by providing to Formica Corporation proof from the installer of the date of initial installation when you seek service. For service under this warranty, you must notify the dealer from whom you purchased the product or Formica Corporation in writing at the address below, providing your name and address, a description of the product involved and the nature of the defect. This warranty is transferable within the 10-year period only when the new owner submits to Formica Corporation (see address below) proof of the original date of installation. Transfer of the warranty entitles the new owner to coverage for the remainder of the 10-year warranty period.

Solid Surfacing by Formica Group products must be stored, handled, installed, used and maintained in accordance with instructions provided by Formica Corporation. Copies of the *Fabrication Guide* and the *Use & Care Guide for Solid Surfacing by Formica Group* are available from your dealer or from Formica Corporation at the address listed below. You may also obtain these items by contacting Formica Corporation at 1-800-FORMICA or via Formica Corporation's website at [www.formica.com](http://www.formica.com).

#### THIS WARRANTY DOES NOT COVER:

1. Conditions such as stains, scratches, water spots and burns.
2. Failure or dissatisfaction with joints or seams or of any adhesive, caulk or other accessory items.
3. Failure due to non-compliance with Formica Corporation's Fabrication Guide or Use & Care Guide for Solid Surfacing by Formica Group. Such failures include, but are not limited to, failures due to exposure to physical abuse (e.g., standing on countertops, impact by kitchen utensils), chemical abuse (e.g., harsh cleansers and solvents), thermal abuse (e.g., excessive heat from appliances) or misuse. Failures caused by fabrication techniques that do not conform to the approved techniques in the Fabrication Guide are the sole responsibility of the original fabricator/installer.
4. Use for purposes other than normal interior use.
5. Any products moved from their original place of installation and/or solid surfacing items not permanently attached to a substrate in a stationary position (e.g., table leaves, trivets, hinged covers).

## SOLID SURFACING BY FORMICA GROUP TECHNICAL DATA CONTINUED



6. Failures caused by settling of cabinets or substructure support, or failures caused by acts of nature.
7. Products installed with a known or visible manufacturing defect at the time of or prior to installation.
8. Color variations due to production run differences.
9. The condition of Solid Surfacing by Formica Group while being thermoformed or such material which is unsuccessfully thermoformed.

### DISCLAIMER OF WARRANTIES

THE WARRANTIES SET FORTH HEREIN OR IN FORMICA CORPORATION'S WARRANTY DOCUMENTS WITH RESPECT TO A PRODUCT ARE THE ONLY WARRANTIES MADE BY FORMICA CORPORATION IN CONNECTION WITH THESE PRODUCTS, AND ARE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. PRODUCTS SOLD BY FORMICA CORPORATION ARE SOLD ONLY TO THE SPECIFICATIONS SPECIFICALLY SET FORTH BY FORMICA CORPORATION IN WRITING. FORMICA CORPORATION'S SOLE OBLIGATION FOR A REMEDY TO BUYER SHALL BE REPAIR OR REPLACEMENT OF NONCONFORMING PRODUCTS AS DESCRIBED HEREIN, OR AT THE OPTION OF FORMICA CORPORATION, RETURN OF THE PRODUCT AND REFUND OF THE PURCHASE PRICE. BUYER ASSUMES ALL RISK WHATSOEVER AS TO THE RESULT OF THE USE OF THE PRODUCTS PURCHASED, WHETHER USED SINGLY OR IN COMBINATION WITH OTHER SUBSTANCES.

### LIMITATION OF LIABILITY

No claim by buyer of any kind, including claims for indemnification, whether as to quality or amount of products delivered or for non-delivery of products, shall be greater in amount than the purchase price of the products in respect of which damages are claimed.

IN NO EVENT SHALL FORMICA CORPORATION BE LIABLE TO BUYER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, RELIANCE, EXEMPLARY, OR CONSEQUENTIAL DAMAGES OR COVER, OR LOSS OF PROFIT, REVENUE OR USE, IN CONNECTION WITH, ARISING OUT OF, OR AS A RESULT OF, THE SALE, DELIVERY, SERVICING, USE OR LOSS OF USE OF THE PRODUCTS, SOLD HEREUNDER, OR FOR ANY LIABILITY OF BUYER TO ANY THIRD PARTY WITH RESPECT THERETO. BUYER SHALL INSPECT FOR NONCONFORMITY PROMPTLY UPON RECEIPT. Failure by buyer to give Formica Corporation written notice of claim within 30 days from date of delivery or, in the case of non-delivery from the date fixed for delivery, shall constitute a waiver by buyer of all claims in respect of such products.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS, WHICH WILL VARY FROM STATE TO STATE OR, IN CANADA, FROM PROVINCE TO PROVINCE. FEDERAL LAW DOES NOT PERMIT THE DISCLAIMER OR MODIFICATION OF IMPLIED WARRANTIES ARISING UNDER APPLICABLE STATE LAW FOR CONSUMER PRODUCTS. HOWEVER, ANY OF SUCH IMPLIED WARRANTIES SHALL EXPIRE AT THE EARLIER OF THE EXPIRATION OF THE STATED WARRANTY OR THE EXPIRATION OF THE PERIOD FOR THE IMPLIED WARRANTY REQUIRED UNDER STATE LAW. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

Any question about this warranty should be addressed to:

Formica Corporation  
10155 Reading Road  
Cincinnati, Ohio 45241-4805  
Attn: Solid Surfacing by Formica Group  
Warranty Department  
Phone: 1-800-FORMICA™  
[www.formica.com](http://www.formica.com)

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see [www.formica.com](http://www.formica.com) for the most current technical data.

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Manufacture of Formica Solid Surfacing is covered by one or both U.S. Patent Numbers 4,473,673 and 4,652,596 and by corresponding patents in other countries.



GreenGuard Environmental Institute  
Formica® Solid Surfacing is GreenGuard Indoor Air Quality  
Certified under the GreenGuard Standard for Low-Emitting Products.

For warranty information, please visit [www.formica.com](http://www.formica.com) or call 1-800-FORMICA™.

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