

## Handling & Maintenance

This brief gives advice for:

- Storage
- Removing Masking
- Cleaning
- Removing Scratches
- Graffiti Removal
- Equipment and Materials Suppliers
- Additional Technical Information and Assistance

### Storage

PARAGLAS SOUNDSTOP® Noise Barrier Sheet is shipped on pallets packaged in polyethylene film overwrap that protects the sheet from dirt and moisture. The overwrap should be left intact during storage to protect the sheet. Pallets can be stacked to maximize storage space. If various sizes are stacked horizontally, the larger sheets should be at the bottom to avoid unsupported overhang.

PARAGLAS SOUNDSTOP sheet is supplied with a protective polyethylene masking on both surfaces. The masked sheet must **NOT** be stored in direct sunlight for prolonged periods of time. Prolonged exposure to direct sunlight may make the masking brittle which can cause the masking to tear upon removal.

PARAGLAS SOUNDSTOP sheet should not be stored near radiators or steam pipes or other heat sources, as excessive heat tends to soften and deform acrylic sheet. Do not store sheets near or expose them to solvent vapors that may penetrate the masking and damage the sheet surface.

### Removing Masking

The sheet masking should be left in place during most cutting operations and installation to protect the sheet surface. During installation roll back masking from the sheet edge to avoid engagement in glazing channels. **Do not use gasoline or sharp-edged objects such as razor blades to remove masking that is stuck to the sheet too firmly.**

### Cleaning

As a result of the production process, acrylic has a smooth, non-porous surface that is retained even after long-term outdoor exposure. Dirt will not readily adhere to this polished surface, as a result, rain or the dew that frequently forms at night, will rinse the sheet clean.

In most cases, PARAGLAS SOUNDSTOP sheet needs no additional cleaning. Should special circumstances make it desirable to clean the sheet, cleaning is best accomplished with water using a high-pressure washer.

Grease, oil or tar may be removed with a good grade of hexane, aliphatic naphtha, or kerosene. These solvents may be obtained at a paint or hardware store and should be used in accordance with manufacturer's recommendations.

### WARNING

**DO NOT USE:** window cleaning sprays, kitchen scouring compounds or solvents such as acetone, gasoline, benzene, alcohol, carbon tetrachloride, or lacquer thinner. These can permanently damage the sheet's surface and/or weaken the sheet causing small surface cracks called, "crazing".

## Removing Scratches

Fine scratches can be removed by hand polishing. Apply a plastic scratch remover to a soft flannel pad and rub. When the scratches have disappeared, remove all residue and polish. For deeper scratches, first wet sand lightly with 400 grit “wet or dry” sandpaper, using plenty of water and rinsing the sandpaper frequently. Follow by buffing with a clean muslin wheel and a good polishing compound. For the highest gloss, use a clean-up wheel made of soft cotton or flannel sections on which no compound is used. An electric drill with a buffing wheel is ideal.

## Graffiti Removal

Graffiti can be removed from PARAGLAS SOUNDSTOP sheet using a graffiti remover designed for use on plastics. It is important to use a recommended graffiti remover as many traditional graffiti removers contain aromatic solvents that may damage PARAGLAS SOUNDSTOP sheet. When using any graffiti remover it is important to follow the manufacturer’s recommendations and rinse thoroughly with clean water.

To remove the graffiti, spray the remover on the surface to be cleaned. Allow the remover to soak for 2 to 30 minutes, depending on the manufacturer’s recommendation, and rinse off with water. High-pressure water is recommended for the rinse and will speed the process. In some cases, such as when the temperature is below 55°F, a second application or agitation of the graffiti with a clean soft cloth may be required to remove all of the graffiti.

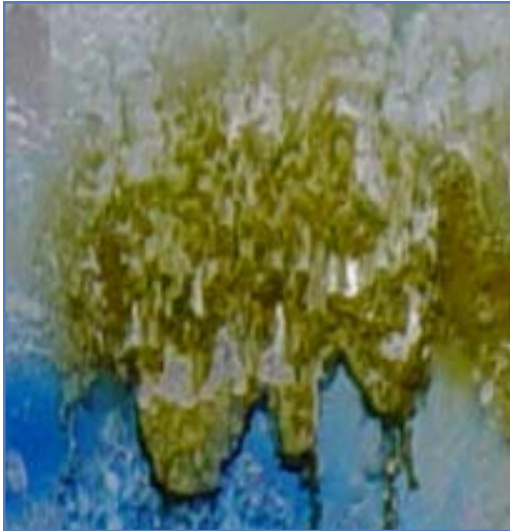
Below are pictures of PARAGLAS SOUNDSTOP sheet that were defaced or “tagged” with a solvent-based acrylic modified resin spray paint and then cleaned with Disappear™ graffiti remover. For this test, the remover was sprayed on the graffiti and allowed to soak for 15 minutes. Then it was removed with a 2300-psi pressure wash. The paint was allowed to dry for 25 days prior to removal under this procedure.



1. Start of Test



2. 10 Minutes after Remover is Applied



3. Close-up of Graffiti



4. After Water Rinse with 2300-psi Pressure-Wash

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## Equipment and Materials Suppliers

The suppliers listed below offer materials and equipment suitable for use with PARAGLAS SOUNDSTOP sheet.

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### Graffiti Removers

#### **Disappear™ Graffiti / Adhesive Remover**

ND Expressions™ Graffiti Remover  
New Dimensions Solutions, LLC  
2151 Irving Street, Suite 202  
San Francisco, CA 94122  
[www.ndclean.com](http://www.ndclean.com)

#### **GRAFFI-GO II™**

J&R Industries, Inc.  
800 E. Anaheim Street  
Wilmington, CA 90744  
[www.jandrindustries.com](http://www.jandrindustries.com)

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### Anti-Static Cleaners and Polishes

#### **210 Plastic Cleaner & Polish and 210 Plus Cleaner**

Sumner Laboratories  
186 Lincoln Street  
Boston, MA 02111  
617-542-8656  
Fax: 617-482-9001

#### **Plexus Plastic Center**

Plexus  
638 Lindero Canyon Rd. #371  
Agoura, CA 91301  
800-405-6495  
Fax: 818-879-0697

#### **20/20 Plastic-Cleaner**

Craftics, Inc.  
2701 N. Pulaski  
Chicago, IL 60639  
773-235-3307  
Fax: 773-235-7204

#### **Scotch-Brite High Performance Cloth**

3M Stationery & Office Supplies Div.  
3M Center  
St. Paul, MN 55144-1000  
877-362-5684  
Fax: 651-733-0382  
[www.mmm.com](http://www.mmm.com)

#### **Crystalclean**

Discovery Plastics  
3700 Western Way, NE  
Millersburg, OR 97231  
541-926-2900  
Fax: 541-967-8441  
[www.discoveryplastics.com](http://www.discoveryplastics.com)

## Fire Precautions

PARAGLAS SOUNDSTOP sheet is a combustible thermoplastic. Precautions should be taken to protect this material from flames and high heat sources. PARAGLAS SOUNDSTOP sheet usually burns rapidly to completion if not extinguished. The products of combustion, if sufficient air is present are carbon dioxide and water. However, in many fires sufficient air will not be available and toxic carbon monoxide will be formed, as it will when other common combustible materials are burned. We urge good judgement in the use of this versatile material and recommend that building codes be followed carefully to assure it is used properly.

## Compatibility

Like other plastic materials, PARAGLAS SOUNDSTOP sheet is subject to crazing, cracking or discoloration if brought into contact with incompatible materials. These materials may include cleaners, polishes, adhesives, sealants, gasketing or packaging materials, cutting emulsions, etc.

## Important Notice:

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR PARTICULAR PURPOSE IS MADE. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.

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### For Sales and Technical Information contact:

#### **CYRO Industries**

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PO Box 677  
Parsippany, NJ 07054

800-631-5384

email: [paraglas@degussa.com](mailto:paraglas@degussa.com)

web site: [www.cyro.com](http://www.cyro.com)

### Visit the TechKnowlogy Center at [www.cyro.com](http://www.cyro.com).

Visitors have immediate access to frequently asked questions, technical information, fabrication tips, physical properties, and hundreds of other facts about acrylics from North America's leading acrylic sheet manufacturer.

