



Summary	Scratch repair/Polishing the Spiral Vision Panels				
Products Affected	Spiral doors with vision panels				
Key Word Tags	Spiral, vision slats, windows				
Tools/Equipment (If Required)	Clean Micro-Cloth or lint free towels, Novus Polish 1, 2, 3 depending which is required for condition.				
Parts/Materials (If Required)	Novus Polish 1, 2, or 3 depending which is required for condition.				
Related Media					
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Please Read The Entire Bulletin Before Proceeding

CLEANING OF VISION PANELS

Routine Cleaning

1. Rinse with flowing water.
2. Clean with warm water and small amount of mild non-abrasive soap (dish soap).
3. Lightly rinse vision panels using a water spray.
4. Remove excess water using a clean and dry Micro-fiber or lint free cloth. If practical, use high velocity fan or leaf blower to blow the panels dry for best results.
5. Wipe any additional moisture with dry micro-fiber or lint free cloth. If practical, use high velocity fan or leaf blower to blow the panels dry for best results.

Occasional Heavy Cleaning and Fine Scratch Removal

1. Remove all surface dirt and dust with warm water spray.
2. Mix a mild non-abrasive soap (dish soap) into a bucket of warm water.
3. Gently wash using a microfiber or lint free cloth keeping the cloth sudsy at all times.
4. Lightly rinse vision panels using a water spray.
5. Remove excess water using a clean and dry Micro-fiber or lint free cloth. If practical, use high velocity fan or leaf blower to blow the panels dry for best results.
6. Wipe any additional moisture with a dry Micro-fiber or lint free cloth. If practical, use high velocity fan or leaf blower to blow the panels dry for best results.
7. Over the counter products can be used to polish the vision panels. Products such as (Novus Polish – www.novuspolish.com) are designed specifically for polycarbonate windows and will help maintain clarity and shine of the vision panels. Follow the instructions on the product for the proper application.

NOTE: Please be sure the product is non-abrasive and designed specifically for polycarbonate windows.

Novus 1

Plastic Clean & Shine

1. Remove surface dust with soft cloth.
2. Shake well. Apply a light mist of polish.
3. Spread evenly over entire surface.
4. Buff with a clean, soft, lint-free cloth.

If the surface is extremely dirty, apply Novus 1 liberally and wipe using long, sweeping strokes. Do not use pressure at this time or large dirt particles may scratch the Lexan.

Re-apply Novus 1 Polish using short, circular strokes with a clean portion of the cloth.

When surface is thoroughly clean and uniformly covered, buff to a slippery glaze with a clean portion of the cloth. Surfaces buffed to a high glaze are more resistant to dust and future scratching.

Reapply Novus 1 regularly to maintain the antistatic, smudge and scratch resistant properties.

Novus 2

Fine Scratch Remover

Observe condition of the surface to be treated. The deeper the scratches, the greater the pressure required to remove them. If the surface is dirty, clean with NOVUS No.1 before applying NOVUS No. 2.

1. Shake well. Test in an inconspicuous area.
2. Remove surface dust with clean, soft cloth.
3. Apply polish in circular motion until dry.
4. Buff with a clean cloth. Repeat as necessary.

Apply NOVUS No. 2 liberally. Using a clean, soft cloth, polish with a firm back-and-forth motion at right angles to the scratches. Keep the cloth saturated with polish at all times.

When the worst scratches have been polished out, reapply NOVUS No.2 uniformly in a circular motion to the entire surface using short, circular strokes and light pressure. Allow to dry to a light haze.

Using a clean portion of the cloth, buff the surface to a slippery glaze using firm, short strokes. This procedure is imperative in achieving the best results.

For heavy scratches, multiple applications of NOVUS No. 2 or application of NOVUS No. 3 may be required. Follow with NOVUS No. 1 for best results.

Novus 3

Heavy Scratch Remover

1. Shake well. Test in an inconspicuous area.
2. Remove surface dust with clean, soft cloth.
3. Using clean, soft cloth, apply Novus 3 with firm back and forth strokes at right angle to visible scratches. Reapply polish as needed.
4. Continue polishing until only the fine scratches remain. Using cloth, remove all of the remaining polish.
5. Apply Novus 2 in circular motion using a clean cloth. Follow direction on the Novus 2 bottle.

Apply Novus 3 liberally. Using a clean, soft cloth, polish with a firm back-and-forth motion at right angles to the scratches. Keep the cloth saturated with polish at all times.

Continue polishing until only fine scratches remain. Using cloth, remove all remaining polish, this is very important!

Using a clean cloth, apply Novus 2 in a circular motion uniformly to entire surface. Polish using light pressure until Novus 2 dries to a light haze.

Using a clean portion of the cloth, buff the surface clean. Follow with Novus 1 for best results.



CLEANING AGENTS WHICH HAVE BEEN FOUND TO BE COMPATIBLE WITH LEXAN™ SHEETS:

- Aqueous solutions of soaps and detergents.

Top Job² Mr. Clean²Joy² Formula 409⁴Fantastik³

- TMTrademark of SABIC Innovative Plastics IP BV
- ² Registered Trademark of Proctor & Gamble.
- ³ Registered Trademark of Texize, Division of Norton Norwich Products Inc.
- ⁴ Registered Trademark of the Clorox Company.

- Organic Solvents

Butyl Cellosolve Hexcel, F.O. 554

Kerosene Neleco-Placer

Naphtha (VM&P) Grade Turco 5042

- Alcohols

Methanol and Isopropyl

All residual organic solvents should be removed with a secondary rinse.

Graffiti Removal

- (A) Butyl Cellosolve (for removal of paints, marking pen inks, lipstick, etc.).

The use of masking tape, adhesive tape or lint removal tools works well for lifting off old weathered paints.

- (B) To remove labels, stickers, etc., the use of kerosene or VM&P naphtha are generally effective.

When the solvent will not penetrate sticker material, apply heat (hair dryer) to soften the adhesive and promote removal.