

# SmartPanel®

ACRYLIC DOORS & PANELS

USER CARE GUIDE



# Cleaning Do's and Don'ts

SmartPanel products can be cleaned simply using a wet microfibre cloth or chamois with non-abrasive soap.

Do Use	Don't Use
✓ Clean wet microfibre cloth	✗ Paper towel
✓ Clean wet chamois	✗ Dry wipe at any time
✓ Novus No. 1 polish used often	✗ Brushes, scourers or scrapers
✓ Non abrasive soap and detergent	✗ Abrasive cleaners
✓ Warm water	✗ Thinners or Methylated Spirits

## Scratch Repair

The surface becomes more scratch resistant over the first few days after the removal of the protective film.

This process can be accelerated by lightly polishing the surface immediately after the masking film is removed using Novus<sup>®</sup> No. 1 or Plexus<sup>®</sup> plastic polishes with a clean microfibre cloth.

 <b>Please Note</b>	The repair advice below applies only to High Gloss products.
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### General Cleaning

Apply Novus<sup>®</sup> No. 1 Plastic Polish, Plexus<sup>®</sup> Plastic Polish or warm soapy water and wipe using a clean microfibre, soft cloth or damp chamois.

### Removing Marks and Light Scratches

Apply Novus<sup>®</sup> No. 2 or a good quality liquid polish (e.g. 3M<sup>™</sup> Finesse-It<sup>™</sup> II, Kitten<sup>®</sup> Polishing Wax) and using a damp, clean microfibre or soft cloth, polish in a circular pattern. Then remove polish using General Cleaning procedure above.

### Removing Heavier Scratches

Apply Novus<sup>®</sup> No. 3 or a good quality fine compound polish (e.g. 3M<sup>™</sup> Perfect-It<sup>™</sup> III) and using a damp, clean microfibre or soft cloth, polish in back and forth motion at right angles to visible scratches. Then use Removing Marks and Light Scratches procedure, then General Cleaning procedure above.

Ensure all polish residues are removed completely from the surface. Low speed electric buffing can also be used to repair marks and scratches.

# Environmental Statement. SmartPanel:

is a co-extruded, semi-rigid thermoplastic polymer sheet, which is intended as a lamination material suitable for bonding to a wide variety of substrates including CARB 2 MR MDF.

consists of an ABS (acrylonitrile butadiene styrene) coloured layer, which is permanently fused with a clear ultra high gloss Acrylic (Poly Methyl Methacrylate) top layer. polymer sheet is an inert material and does not release any emissions to the environment during manufacture or in use. is hygienic and does not promote bacterial growth or transmission.

All the colour pigments used in sheet do not contain heavy metals such as lead or cadmium.

offers significant environmental advantages compared with other high gloss finishes. manufacture produces no VOCs unlike two pack spray paint, and can be recycled.

recommended lamination adhesive systems include water based EVAs and PUR reactive hot melts. Neither system emits any volatiles during the lamination process or during the life of the finished board products.

polymer sheet can be treated as ABS for recycling purposes and falls under the Styrene group of polymers. can be removed from the substrate by passive immersion in water. sheet can then be recycled using mechanical means by grinding and pelletising for reuse in a multitude of extruded or injection moulded products.

The sheet material recycling process only consumes around 15% of the original energy consumption required to manufacture the initial sheet material.

can be cleaned and maintained using warm soapy water, and does not require the use of harsh or volatile chemicals. can be refinished in situ many times and will remain functional for many years.

is wholly manufactured under the Environmental Management System, which has been independently accredited to ISO 14001.

