

**MAZAN<sup>®</sup>**  
STUNNING ACRYLIC GLASS

## Care and Maintenance

# CARE AND MAINTENANCE GUIDE

Mazan surfaces are durable and in the unlikely event of being damaged can even be repaired or refurbished – unlike virtually every other surfacing material, including glass. Mazan will last for many years with simple care. Please follow these instructions carefully to preserve the beauty of your Mazan surfaces and your 10 year warranty.

## EVERY DAY CARE

Mazan is a polymer glass. It has a much higher heat resistance than conventional polymers (up to 100°C). Avoid any direct contact with any source of heat in excess of 100°C.

A change to the appearance of the surface colour over time is a natural characteristic of Mazan and is not a defect.

Colour matching is within a tolerance set by Mazan of +/-1 Delta-E for high gloss solid colours and +/- 2 Delta-E for pearlescent solid colours.

Pearlescent solid colours have metallic elements suspended within the colour to give the amazing pearlescent effect. The metallic elements will reflect light differently as you look at the panel from different angles. This may give a perceived colour variation as the angle of view varies.

Avoid locating Mazan where it will be exposed to direct and strong sunlight or other sources of UV rays as this may change the colour of Mazan.

## BASIC STAINS

Wash with mild soap or detergent, using plenty of warm water. Do not use an abrasive cleaner. Dry with a soft cloth (a microfibre cloth is the best one to use). Avoid the use of window cleaning sprays.

Non-abrasive cleaners that are suitable for use with acrylic polymers (such as Vuplex®) can be used with Mazan.

Grease, oil or tar can be removed with metholated spirits or isopropyl alcohol. Solvent residue should be removed by washing immediately.

Do not use: Scouring compounds, steel wool, harsh scrubbing brushes, chloroform acetone, benzene, toluene, xylene, dichloromethane, amyl acetate, glacial acetate acid, butyl alcohol, butyl acetate, cellulose or cresols / phenols.

Also avoid using Ethyl acetate, chlorinated solvents, halogenated solvents, methyl alcohol, sulphuric acid, dilute acids or MEK methyl ethyl ketone (PVC pipe glue).

Surfaces that have accidentally been exposed to these chemicals should be flushed promptly with water, using appropriate measures to avoid injury.

## REPAIR PRINCIPLES

Use a series of progressively finer abrasives to flatten the scratches. The degree of damage to the Mazan sheet will dictate

what grit size is used for initial removal of the scratch or scuff marks. The deeper the scratch the more aggressive or lower number grit size abrasive is required. Initially the use of the optimum abrasive disc to remove the scratch or scuff will minimise the number of steps to finish the job. Using an excessively coarse abrasive to start with will mean extra work and also may remove too much acrylic material from the Mazan sheet causing a distorted, uneven surface.

## METHOD

- 1) Set up dust extractor unit and attach a dual action (DA) sander. We recommend a Festool R0150 Rotex.
- 2) Attach a back up pad and interface pad onto the DA sander.
- 3) Inspect the damage to the scratched Mazan panel.

- 4) Depending on the depth of scratch, select an appropriate abrasive disc and attach to the interface pad.
- 5) Sand the damaged area of Mazan to remove the damage. Carefully wipe any dust from the surface before starting the next sanding step. Inspect for scratches. Continue sanding if previous step's scratches have not been removed.
- 6) Repeat step 5 with progressively finer abrasives including 1500G. Try not to oversand the damaged area. Feather edges beyond the previous step. Damp finish with a 3000G finishing disc.
- 7) Attach 3000G disc to the interface pad. Spray a SMALL amount of water on the disc (this acts as a lubricant). Too much water and the disc will aqua-plane. Keep the disc moist.
- 8) Sand areas of no more than 400mm x 400mm. Any larger and the disc may dry out too quickly. Continue sanding until a greyish / white sludge is seen around the edge of the disc.
- 9) Carefully wipe the sanded area.
- 10) Attach the adaptor to the polisher and attach the back-up pad to the adaptor. Place the foam pad on the back-up pad. Polish with Mirka M35 cutting paste or equivalent.
- 11) Apply about 20-25mm of Mirka M35 cutting paste or equivalent to the buff. Without starting the machine, spread the Mirka M35 cutting paste or equivalent over the area being refurbished.
- 12) With the polisher on a low speed, begin polishing using back and forth movements. If the buff is new there may be a need for extra spot finishing material. Increase the speed of the polisher to no more than 1800 rpm maintaining back and forth movement.
- 13) If there are any scratches visible there may be a need to go back to step 5, 7 or 11 depending on the amount and depth of scratch.

## FINE SCRATCHES

These can be removed by buffing out with Mirka M35 cutting paste (or equivalent). Use a soft clean cloth, polish off dry paste in a circular motion. Remove residue cutting paste with warm clean water.

## Deeper scratches

Using an electric dual action sander, ideally with dust extraction:

- 1) Sand with 600G.
- 2) Sand with 800G.
- 3) Sand with 1000G with foam pad.
- 4) Sand with 1500G with foam pad.
- 5) Sand with 3000G with foam pad.
- 6) Using a dual action sander, apply a foam polishing pad. Using Mirka M35 polishing paste – or equivalent – polish in a circular motion (keep the paste semi-wet when polishing – using more paste or a small amount of water).
- 7) Using a dual action sander with a lamb's wool polish pad, polish the dry paste until the required finish is achieved.
- 8) Remove residue cutting paste with warm clean water.

*Disclaimer: The use of specific names is intended only to show a type of cleaning product. This does not constitute an endorsement or support for those products. Nor does the exclusion of any specific product names imply insufficiency.*

## 10 YEAR WARRANTY

Each Mazan installation will have a 10 year limited warranty from the manufacturer provided the following conditions are precisely met:

- The Mazan panel must be fabricated and fitted by an experienced and well qualified fabricator and installer.
- All fabrication and installation must precisely comply with the Mazan installation instructions.
- The fabricator and installer must inspect the Mazan panel(s) for colour matching, surface imperfections and general quality and if necessary arrange for a satisfactory replacement panel(s) before starting the fabrication and installation process.
- Colour matching is within a tolerance of  $\pm 1$  Delta-E for high gloss solid colours and  $\pm 2$  Delta-E for metallic solid colours. Metallic solid colours have metallic elements suspended within the colour to give the amazing metallic effect. The metallic elements will reflect light differently as you look at the panel from different angles. This may give a perceived colour variation as the angle of view varies and is not a defect.
- Although Mazan will make its best effort to repair or replace with the best possible match to the original. Mazan cannot guarantee the exact colour match in the event of repair or replacement.

- Material will be replaced if it is found to be faulty, but fabrication and installation labour charges will not be covered either during or after fabrication and installation.
- Use only approved neutral cure clear silicone adhesives/sealants.
- After installation, the user of the Mazan panels must comply with the Mazan maintenance guide.
- A change to the appearance of the surface colour over time is a natural characteristic of Mazan and is not a defect.

To enhance the customer's experience of Mazan surfaces, we have produced a comprehensive Mazan Care and Maintenance Guide which is available from all Mazan suppliers. It is important that you precisely follow this guide in order to protect your warranty.

### SALES TO DOMESTIC USERS

This limited warranty is transferable, the homeowner will be able to pass it on when they sell their home, provided the new owner notifies Mazan in writing at Blackheath Products, 1-4 Fairfield Park, Halesowen, West Midlands B62 9JL.

### COMMERCIAL USERS

This limited warranty is not transferable for commercial projects.

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