



WORLD BIZZ  
GROUP

bizSAFE<sub>3</sub>

# ACRYLIC MAINTENANCE

**Like** any other products in the open, PMMA Acrylic is subjected to the harsh weather conditions and direct UV. But there is a difference! PMMA Acrylic panels can be maintained and looking as good as new after maintenance!

PMMA Acrylic is formed by PMMA chemical solutions. Scratches can be removed through sanding process and the final polish makes it looking brand new. Care must be taken not to use cleaning solutions that contain chemical such as thinner, petrochemical or benzene.

Sanding and polish of PMMA Acrylic panels on a large surface area requires skill in order to achieve an all-round even surface thickness. Spot maintenance will create uneven thickness to the areas that are being sanded and polished as against to the areas that are not sanded. The areas of uneven thickness will stick out as blurry and the clarity is greatly compromised such that all images seen through the acrylic panel will be distorted. Thus it is important to get only trained technicians for the maintenance job.



## MAINTENANCE/CLEANING FOR ACRYLIC PANELS

Crazing or scratches in acrylic can generally be removed by sanding away surface material to the same depth as the damage.

Depending on the extent, this means polishing with a super-fine polishing compound or multiple steps of sanding with progressively finer sandpapers before using final polish compound.

### Care and Maintenance

Enter into a Yearly Maintenance Contract with **WORLDBIZZ Pte Ltd** as trying to remove scratches can be quite a chore, and extreme caution should be taken if using a power sander for any of the task; acrylic can easily be ruined by burnishing from a power surfacing tool. Depending on the degree of sanding and polish required, and on the surface area of the acrylic panel, such maintenance works normally takes 1-3 days. The Yearly Maintenance Contract allows for **WORLDBIZZ** to conduct an inspection of the acrylic panel every six months and to perform the cleaning / maintenance regime.

Cleaning / Maintenance regime removes any crazing, scratches, blurry surfaces, etc. making the acrylic panels brand new again.



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