



Technical information, July 2008

Makrolon[®], Vivak[®] and Axp[®] Cleaning

Cleaning

Makrolon[®], Vivak[®] and Axp[®] sheet can be cleaned by washing with lukewarm water containing a mild soap or a slightly acidic, neutral or slightly alkaline detergent using a soft clean sponge. Rinse well afterwards with clean water and dry with a chamois or a moist cellulose sponge. A subsequent anti-static treatment is recommended.

Fresh paint splashes, grease, smeared glazing compounds, etc. can be removed before drying by rubbing lightly with ethyl alcohol or petroleum ether on a soft cloth followed by a thorough wash and rinse as described above.

Do not use abrasive or highly alkaline cleaners, acetone, benzene, leaded gasoline or carbon tetrachloride. Never scrape with razorblades or other sharp instruments.

Minor scratches can be removed or made less visible by polishing with hot air or a mild motor car wax polish. Larger areas can also be cleaned with high pressure water and /or steam cleaner. The time that the beam has contact on the surface should be kept to a minimum by moving continuously.

Remark: Cleaners and solvents generally recommended for use on PC are not necessarily compatible with the UV protected surface of Makrolon[®] sheet.

Removing from polymerised protection foil

When sheets are apposed for a long time to the sun the protection film may polymerise because of the UV radiation in some cases. This makes it difficult to remove the film completely without leaving glue residues (the bounding is based on a Acrylic dispersion). Good results have been obtained in cleaning the sheets with a mixture of 65% Isopropanol, 32% Ethanol and 3% ammoniac(25%).

It is important to change the cleaning cloth often and rinse with a lot of water. (high pressure cleaning with tensides added). Make sure that all the glue residue is removed because it tends to collect dirt witch leads to damage of the sheets

Anti-static cleaning

Having good electrical insulating properties, Makrolon[®], Vivak[®] and Axp[®] sheet is subject to electric static charge and consequent dust attraction. Treatment with an anti-static agent keeps the sheet free from static charge and dust over prolonged periods.

There are some commercially available products which act at the same time as a cleaning agent and as an anti-static agent.

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makrolon[®]



vivak[®]



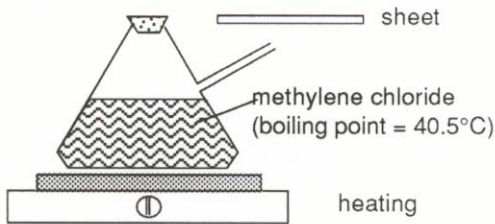
axp[®]

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Removal of scratches

Removal of minor scratches on the sheet can be done with methylene chloride vapour. This can be done as follows :



The polishing with methylene chloride vapour should be done in a well ventilated area, if possible underneath an extractor hood. Because of the low boiling point of methylene chloride, it has to be heated only slightly to create vapour. Also edge polishing can be done in the same way.

Cleaning agents

Recommended products	Manufacturer
Burnus Kunststoff Intensiv-Reiniger	B. Sinn Spezialgroßhandlung
Burnus Antistatischer Kunststoff Reiniger + Pfleger	Büchenerweg 12 D-64319 Pfungstadt Tel. +49-(0)6157-157954 b.sinn@grosshandel-sinn.de
ECS Universal Reiniger MS 260	ECS Cleaning Solutions GmbH Storkower Str. 132 D-10407 Berlin Tel. +49-(0)30-36464036 post@elixclean.de

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