

New type of cast acrylic sheets – Aglas SoundStop F+

We developed a unique technology to produce a new type of cast acrylic sheets - Fluoro-acrylic co-polymer sheets for SoundStop barriers. Fluorine polymers or fluoropolymers greatly enhance the properties of the sheets. Fluoro additives make sheets highly resistance to solvents, dirt, weather, etc. Unique combination of chemical and thermal stability, low dielectric constant, etc. opens a wide range of applications. At noise barrier projects sheets can be used specially, where anti-graffiti treatment, easy to clean surfaces or longer life time expectancy is required.

Beneficial properties of fluoropolymers:

- Chemical and moisture resistance
- Surface lubricity
- Soil/dirt resistance
- Heat resistance
- Higher abrasion resistance
- UV resistance
- Non-stick characteristics
- Improved weatherability
- Easy to clean

Acrylic sheets Aglas SoundStop F+ sheets have all the above properties. New sheets have extremely good chemical stability, typical of fluoropolymers and also show excellent weatherability, compared to other conventional SoundStop barriers.

Cleaning:

Aglas SoundStop F+ cast acrylic sheets are having smooth, non-porous surface. Dirt will not adhere to the surface and rain or dew will mostly rinse the sheet clean. In most cases sheets, do not need additional cleaning. If the sheet should anyway be cleaned it is the best to use water under the pressure (max. pressure is 3 Bar, minimal distance 20 cm, max. temperature of the water 60°C). Adhesive dirt, fat or colour may be removed preferably by a slight alkaline solution (below pH 12) or detergents specially made for cleaning graffiti. Type of cleaning system depends on colour base. If colour is nitro base, stronger detergent must be used. We suggest Plastic Cleaner from Gardian, Samson Kamnik, etc. A soft cloth should be used for cleaning. Any abrasive cloth should not be used for cleaning purposes.

Do not use window cleaners, abrasives, or household cleaners such as benzene, alcohol, acetone, gasoline, carbon tetrachloride, or thinners for cleaning. This can permanently damage the plate surface and weaken the plate.

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