

soni INSTRUCTIONS FOR STORAGE AND USE

PROCESSING & APPLICATION

PRECONDITIONS FOR RELIABLE ADHESION	▶ For the application of all self-adhesive materials, the supporting surface has to be clean, dry and free from grease, oil, dust, solvents, and other release agents.
CLEANING OF THE SUPPORTING SURFACE	▶ The supporting surface should be cleaned with cotton cloths and dry-cleaning naphtha. It is recommended to use fresh naphtha Exxsol DSP 60/95S, i.e. not yet contaminated with oil or grease. The supporting surface must be wiped dry afterwards and allowed to air for at least 30 minutes. In the case of plastic supporting materials or varnished surfaces, compatibility with the cleaning agent must be tested beforehand.
APPLICATION	<ul style="list-style-type: none"> ▶ Once the protective paper is removed, the self-adhesive product is to be placed without tension or stretching and then fixed permanently to the entire surface with uniform pressure, which can best be obtained by using a roller. ▶ Please make sure to avoid air inclusion, areas of weak adhesion and contamination of the adhesive agent. It is recommended to wear cotton gloves. ▶ The ideal temperature for processing it between +18°C and +30°C. After the fixation of the material, the adhesive should be given sufficient time to set. No mechanical strain should be put upon the adhesion for approx. 2 hours, and the applied material should not be exposed to temperatures under + 10°C or over + 30°C for 24 hours.
APPLICATION OF SELF-ADHESIVE MATERIAL TO VARNISHED METAL SURFACES	▶ Make sure that the varnish has been allowed the recommended drying time. This waiting time must also be respected when the surface has only been mended or covered with an additional layer of varnish.
APPLICATION TO UNTREATED METAL SURFACES, E.G. ELECTROPLATED STEEL SHEETING	▶ Any grease (e.g. soldering grease) has to be removed, for example with dry-cleaning naphtha. Please refer to the paragraph "Cleaning of the supporting surface".
APPLICATION TO PLASTIC SURFACES	▶ When the acoustic material is to be applied to a plastic surface, certain components of the plastic material (softening or release agents) may migrate and soften or destroy the self-adhesive backing of the acoustic foam. Please ascertain compatibility by preliminary testing.
MECHANICAL FIXATION	▶ Additional mechanical fixation points are recommended for all applications where a regular adhesive fixation is not sufficient, e.g. because of the heavy weight of thick acoustic material, the specific nature of the supporting surface, elongation or other unusual strains as well as special safety requirements.
STORAGE	▶ Shelf life of Cellofoam materials stored in dry, closed rooms and without exposure to direct sunlight: <ul style="list-style-type: none"> » Materials with self-adhesive backing (sk): max. 6 months » soni HEAVY / soni HEAVY ALU heavy layers: max. 3 months
TENSION RELIEF FOR SHEETS WITH SELF-ADHESIVE BACKING	▶ Sheets with self-adhesive backing must undergo a tension relief procedure before any pieces can be cut. To this purpose, the protective cover of the self-adhesive layer must be lifted over the entire surface and carefully reapplied. This measure prevents the shrinkage of cut-to-size pieces before installation.
OPTIMUM ACOUSTIC EFFECTIVENESS OF MELAMINE FOAM PRODUCTS	▶ The open-cell structure of the melamine resin foam used for our acoustic panels, baffles and other shapes ensures their exceptionally high degree of acoustic effectiveness. For this reason we advise against applying paint to the surface because this may clog the open cells and substantially interfere with acoustic effectiveness.
CLEANING INSTRUCTIONS FOR MELAMINE FOAM PRODUCTS	<ul style="list-style-type: none"> ▶ To prevent contamination of the surface, we recommend wearing freshly laundered cotton gloves when cutting, installing or cleaning the acoustic panels and elements. ▶ Please do not use water or other liquids to clean soniflex acoustic elements. ▶ Do not try to remove light soiling by rubbing because this will only rub the dirt or dust deeper into the surface cells. ▶ Dust having accumulated around air in-/outlets or near light fixtures, for instance, can either be blown off cautiously at a flat angle or removed with a vacuum cleaner. ▶ Light soiling on a limited surface area can be removed using adhesive tape or film. To do this, press the adhesive tape or film lightly onto the soiled area, then peel it off carefully. Repeat, if necessary.
VALIDITY OF FIRE PERFORMANCE TESTS FOR SELF-ADHESIVE PRODUCTS	▶ For self-adhesive materials, it is necessary to remove the film or paper liner for installation and to make sure that the entire rear face of the product adheres to the substrate. If this is not the case, the fire performance rating given on the data sheet will not apply.

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