



Cleaning Instructions

Cleaning and Maintenance Instructions for PVC-coated and lacquered Membranes made by Sattler PRO-TEX GmbH

General

Membranes consist of a base fabric made of high-tenacity polyester yarns and a soft-PVC coating.

To optimise resistances against environmental impacts and to increase the dirt repellence, a top-lacquer seals the membranes' surface. Nevertheless, environmental impacts can lead to dirt accumulation.

The following cleaning and maintenance instructions aim at retaining the visual and technical characteristics of the membrane for as long as possible.

Cleaning and Maintenance Instructions

The cleaning process should be done top-down. Do not clean under direct sun exposure – the cleaning substance could dry and cause stains. Ensure that cleaning substance is suitable for cleaning PVC-coated and lacquered textiles. **NEVER USE SOLVENT BASED CLEANING SUBSTANCES OR BLEACHING AGENTS!**

Apply the cleaning substance according to the instructions of the cleaning substance supplier in the required concentration depending on the degree of soiling. A sponge or soft brush can be used to apply the cleaning substance. Before using a brush, make sure that the stiffness of the brush does not damage the membrane's surface. Test the brush on a non-visible part of the construction. Should the brush scratch or damage the surface of the membrane even only slightly, it is imperative to replace it by a softer one or a sponge.

The applied cleaning substance (see instructions of supplier) should have time to react on the membrane for about 5-10 minutes before rinsing it together with the dissolved dirt with cold or lukewarm water.

High-pressure cleaners can be used to remove cleaning substance & dissolved dirt. It is however imperative to choose a water jet pressure and jet nozzle distance in a way that the surface of the membrane will not be mechanically damaged. If not all dirt can be removed in the first process, repeat the procedure.

Cleaning Substance Information

Without wanting to rate the efficiency and quality, the following cleaning substances have been specially devised for PVC-coated and lacquered membranes as made by Sattler PRO-TEX GmbH:

Producer: Fa. Alfred Kärcher GmbH

Products: RM 801, RM 806, RM 803 and RM 81

Cleaning Intervals for Membranes used in Permanent Applications

Regular inspection and cleaning intervals ensure that dirt will not accumulate excessively. Excessive deposit of dirt on the surface of a membrane over a longer period of time in combination with high temperatures may become difficult to be cleaned. In order to retain the visual and technical performance of the membrane during the normal service-life and beyond, the customer/user is therefore required to regularly inspect the degree of soiling of the membrane's surface.

Cleaning Instructions

The frequency of inspection and cleaning intervals largely depends on local climatic and environmental conditions. Therefore, the here mentioned inspection intervals are minimum recommendations. Notwithstanding below mentioned intervals, extra inspections and, if necessary, cleaning is compulsory after exceptional weather phenomena (f.e. sand-storms, storms, snowload), during times of intense air pollution (smog) or after the use of fireworks. Especially sulphuric residues, originating from fireworks, industrial or traffic emissions can have a negative impact on the durability of a membrane and therefore may necessitate more frequent cleaning.

climate	min. inspection interval	min. cleaning interval
moderate cold	every 6 months & after exceptional incidences	every 12 months & after exceptional incidences
desert tropic subtropic	every 3 months & after exceptional incidences	every 6 months & after exceptional incidences

Cleaning intervals for Membranes used in Mobile Applications (Commercial Tents)

Regular inspection and cleaning intervals ensure that dirt will not accumulate excessively. Excessive deposit of dirt on the surface of a membrane over a longer period of time in combination with high temperatures may become difficult to be cleaned. In order to retain the visual and technical performance of the membrane during the service-life, the customer/user is therefore required to regularly inspect the degree of soiling of the membrane's surface.

The frequency of inspection and cleaning intervals largely depends on the form of application and exposure to dirt, as well as on the local climatic and environmental conditions. Therefore, below mentioned inspection intervals are minimum recommendations. Notwithstanding below mentioned intervals, extra inspections and, if necessary, cleaning is compulsory after exceptional weather phenomena (f.e. sand-storms, storms, snow-load), during times of intense air pollution (smog), strong soiling or exposure to condensate formation. Especially sulphuric residues, originating from fireworks, industrial or traffic emissions can have a negative impact on the durability of a membrane.

During mounting and dismounting always try to keep the fabric as clean as possible. Clean dirt before dismounting. Never store fabric in wet or moist condition! Try to dismount in dry condition, if impossible dry fabric within the next day!

climate	min. inspection interval	min. cleaning interval
moderate cold	after each use, at least every 3 months & after exceptional incidences	after each use if soiled, at least every 3 months & after exceptional incidences
desert tropic subtropic	after each use, at least every 1 month & after exceptional incidences	after each use if soiled, at least every 2 months & after exceptional incidences