

Maintenance Manual for permanent textile facade

The logo for STAMISOL FT features a stylized grey and red swoosh above the text. 'STAMISOL' is in black, 'FT' is in grey, and 'ISOL' is in red. A registered trademark symbol (®) is located to the right of 'ISOL'.

STAMISOL[®] FT

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Textile Facade **STAMISOL**® FT

Maintenance manual for permanent textile facade

I / GENERAL

1 - Purpose

The purpose of this manual is to describe:

- maintenance conditions for STAMISOL® FT textiles,
- required cleaning processes,
- prohibited cleaning processes,
- frequency of inspection and maintenance operations.

2 - Areas of application

STAMISOL® FT textiles designed for the following applications:

- permanent “textile facades”,
- fixed, permanent “sunshades”,
- fixed, permanent “privacy screens”,
- fixed, permanent “windbreaks”.

STAMISOL® FT fabrics are used internally and externally on fixed installations, their characteristics allow large facade areas to be covered.

STAMISOL® FT fabrics have been developed based on FERRARI PRÉCONTRAI NT® technology and they offer all the benefits of the ISO 9001 quality management inspection system.

STAMISOL® FT fabrics are high-performance materials, which conserve lastingly all their qualities as long as their upkeep continues to be ensured in compliance with the requirements of this maintenance manual.

IMPORTANT: No warranty provided by FERRARI can be applied to its products unless the precautions specified in this manual have been complied with and duly applied.

II / INSPECTION AND MAINTENANCE CONDITIONS

A textile is considered dirty if it displays marks or deposits of lasting severity. The nature of the dirt depends mainly on:

- climatic conditions (rain, wind, hail, snow),
- pollutants present on site (leaves, pollen, mineral dust, hydrocarbons...),
- exposition to accidental pollution (acids, corrosive agents...),
- a climatic phenomenon (violent storm, heavy snow-fall...).

Inspections involve visually examining the fabric and are regularly performed to check:

- surface deposit severity (dead leaves, insects, ash...),
- that there is no anomaly due to a specific event.

The type, frequency and extent of the cleaning operation depends on the requirements determined during regular inspections.

If an anomaly involving a tear or other damage is observed, the professional fabric installer must be duly informed and he will decide on the remedial action to be implemented.

Warning: Maintenance is not intended to remedy faults inherent to structural design or construction.

Durability and visual quality of the textile structure also depends on the performance quality, to which the following points are subjected:

- implementation quality (uniform tension, no folding or flapping, no stagnant water...),
- specific locations (water drainage around facade openings, at facade low and high levels, assembly quality...).

III / CLEANING PROCESSES AND AGENTS

Cleaning must be undertaken using FERRARI® FORMULE S detergent based on the following procedure:

- 1) Wash the fabric using a soft brush or sponge and an water-based solution of FERRARI® FORMULE S with the following properties:

Dirt	Detergent concentration	Water temperature
Slight	5%	20°C
Moderate	10%	20°C
Stubborn	10%	50°C

- 2) Rinse with clear water
- 3) Leave fabric to dry

A detergent technical datasheet (usage precautions, packaging...) is appended to this maintenance manual.

Ferrari disclaims all responsibility for any product usage, which does not comply with the present conditions.

Special cleaning

Some deposits can be difficult to remove using the previously described process. In particular, special cleaning may be required for substances of the following origins:

- **mineral: greasy, tar, calcareous deposits,**
- **plant: leaves, pollen, resins...**
- **animal: bird droppings, squashed insects...**

Conventional cleaning may be unsuccessful for these types of deposit and other processes involving potentially destructive action on the fabric, are required

The need for such a process must therefore be assessed and a professional must be contacted prior to initiating any special cleaning operation.

IV / PROHIBITED CLEANING PROCESSES AND AGENTS

Cleaning processes and agents liable to damage fabrics are prohibited.

Resistance of STAMISOL® FT fabrics to chemical attack depends on multiple factors such as:

- state of cleaning agents (solid, liquid or gas),
- temperature,
- concentration,
- contact time.

In some cases, a combination of agents may cause a detrimental result, whilst each agent is individually harmless.

The following processes and agents are strictly prohibited for this reason

► **the following cleaning processes**

- *abrasives of all types: powders, pastes, liquids, abrasive sponges...*
- *pressurised vapour cleaning machines,*
- *high-pressure water cleaning machines.*

► **the following organic chemicals**

acetone, petrol, benzene, diesel oil, kerosene, trichloroethylene, turpentine, toluene, trichloroethylene, paraffin...

► **the following inorganic chemicals**

Ammonia, nitric acid, sulphuric acid, acetic acid, hydrochloric acid, soda, caustic soda, bleach...

► **cleaning operations at temperatures exceeding 60 °C**

V / DETERGENT TECHNICAL DATASHEET

FERRARI® FORMULE S

Detergent

DESCRIPTION

Slightly alkaline product free of soda and potassium.
Hypoallergenic formula.

USAGE PRECAUTIONS

Wearing gloves recommended for intensive usage.
After contact with the skin, wash the area with water
and wipe dry.
Manual usage possible.
Rinsing required after usage.

Biodegradable

No bioaccumulation in soil or atmosphere.

PACKAGING

20 kg - réf. 0101

220 kg - réf. 0102

STORAGE

In a frost-protected room.

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