

PRODUCTS FOR

FIRE DAMAGE REMEDIATION



COMPLETE SOLUTION
FROM INITIAL CLEANING TO FINAL
CLEANING AND ODOUR
REMEDIATION

PROTOX
Professional Protection Process

SOLUTIONS FOR PROFESSIONAL BUILDING REMEDIATION SINCE 2003

REMOVAL OF SOOT, GREASE AND OIL



BEFORE CLEANING WITH SC20



AFTER CLEANING WITH SC20

SC20 SOOT CLASS 1-2

LOW-ALKALINE CLEANING AGENT

SC20 is a low-alkaline cleaning agent developed for the effective removal of soot, oil, grease and other types of stubborn dirt.



HP18 + TURBO

HIGH-EFFICIENCY BLEACHING

When TURBO is added, HP18 can be used for high-efficiency bleaching of timber and concrete surfaces. Adding TURBO accelerates the bleaching effect of HP18.



SC40 SOOT CLASS 3-4

ALKALINE, HIGH-FOAMING CLEANING AGENT

SC40 is an alkaline, high-foaming cleaning agent for the effective removal of soot, oil, grease and other types of stubborn dirt.



MR20(HYSAN) + AKTIVATOR

ODOUR REMEDIATION

MR20(HYSAN) is used in conjunction with AKTIVATOR for effective odour remediation. The product is suitable for air purification following completed fire damage remediation and cleaning.



SC10 ALL-PURPOSE CLEANER

SC10 is an all-purpose cleaner for surfaces and furnishings following fire damage and renovation.



BLEACHING, ODOUR REMEDIATION & ACCESSORIES



FC10

EFFECTIVE DETERGENT FOR COLOURED WORKWEAR

FC10 is a high-performance, enzyme-based detergent developed for coloured workwear. The product is gentle on fabrics whilst ensuring effective stain removal, even at low washing temperatures (20–60 °C).



FC50

ODOUR-NEUTRALISING ADDITIVE

FC50 is an effective odour-neutralising additive, developed to reduce soot and smoke odours as well as urine and sweat odours in all types of textiles.



GLORIA FOAMMASTER

PRESSURE SPRAYERS FOR FOAM APPLICATION

Gloria FM10, FM30 and FM50. The pressure sprayer produces a stable, adjustable foam and is suitable for, amongst other things, fire damage remediation.



GLORIA AUTOPUMP

1.5 TO 2.5 BAR CONSTANT PRESSURE

The Gloria auto-pump maintains a constant pressure, allowing work to be carried out without interruptions. Suitable for all Gloria 3–8-litre plastic pressure sprayers.



SOOT SPONGES

CHOOSE BETWEEN A LARGE OR SMALL SPONGE

Soot sponges are used to treat smoke damage and effectively remove dust, dirt and soot from a wide range of surfaces.



THE PROTOX METHOD: FIRE DAMAGE REMEDIATION

1 PREPARATION

- Remove all furnishings (to be cleaned off-site).
- Divide the area into sections for better control.
- Switch off the ventilation system serving the area.
- If necessary, create negative pressure using HEPA-filtered extraction.
- It is not enough simply to enclose the area; without sectioning, soot and odours will spread to clean surfaces.

2 REMEDIATION

- Dry cleaning (vacuuming, possibly cleaning with a soot sponge)
- Clean all surfaces in accordance with the soot class. Start with the lowest necessary dosage and increase as required. The solution can be applied using a Gloria Foammaster for better moisture control. Soot class 1–2 → SC20. Soot class 3–4 → SC40
- Cleaning around fitted furniture often requires dismantling to ensure thorough cleaning.
- Pay particular attention to sockets, light fittings, ventilation inlets and outlets, skirting boards, etc.

3 QUALITY CONTROL (BEFORE ODOUR REMEDIATION)

- Never commence odour remediation until the cleaning has been checked and approved. If you remediate odours on a dirty surface, you will trap the problem rather than solve it.
- Sequence: Clean → check that the surface is clean → then apply Activated MR20_(HYSAN).
- A final check afterwards is not enough; also check between the steps.
- After thorough cleaning, apply Activated MR20_(HYSAN) to all surfaces that can withstand water/moisture using a low-pressure sprayer.

4 FINAL CHECK – ZONE BY ZONE

- Keep the sections separate right up until the final check.
- Check using heat and water one zone at a time, not the entire surface at once.
- When assessing large areas, residual odour may be diluted in the air volume, thereby giving a misleading result. Therefore, check each zone individually.
- Assess the odour locally, close to the surface, in each zone.
- VOC testing by an external company may be required.

Task	Product
Deep cleaning	SC20
Heavy-duty cleaning	SC40
Final cleaning	SC10
Bleaching	HP18
Odour remediation	MR20 _(HYSAN)
Washing of workwear	FC10 + FC50

SOOT CLASSES

1

Light soot deposits

Thin deposits of dust and soot, with limited odour. Specialised cleaning is usually sufficient.

2

Moderate soot contamination

Visible deposits and a distinct smell of smoke. Requires thorough cleaning and often subsequent odour remediation.

3

Heavy soot contamination

Thick layers of soot, discolouration and a pervasive odour. Extensive remediation work, and possibly the replacement of certain materials, is necessary.

4

Very severe soot and fire damage

Large quantities of soot, a strong odour and, often, damage caused by heat and flames. Demolition or replacement of materials may be necessary.