

Fire Cleaning Guide

Why a Correct Cleaning Method is Crucial?

Smoke damage doesn't just affect the home or property, it can be harmful to one's health, even after the fire is over, smoke damage remains. Health conditions can be worsened by smoke damage, such as asthma, emphysema, chronic bronchitis, eye irritation and skin problems. This is why a professional and correct cleaning method is crucial.

How to:

1. Firstly, consider PPE, your safety from airborne biohazards, particulates, vapours, dust & soot is vital, consider the use of a lightweight & compact [CleanSpace](#) advanced respiratory system, for positive air purifying whilst you work.
2. Secondly, contain the area. The affected area/chamber that you are remediating will need to be contained to avoid contaminating unaffected areas. The use of a false wall system like [Restore Solutions Contain it](#), [Curtain-Wall](#) or [Heywall](#) should be considered.
3. The installation of an [Air Cleaner](#) with a carbon/charcoal filter will process the contaminated air & create clean uncontaminated air. Fire-affected properties have very fine particles in the air which will continue to move around & land on surfaces. The use of [Hydroxyl](#) unit will work to eliminate odours whilst onsite completing the remediation works as well as when you have left the job site.
4. Ensure all soot-affected surfaces are dry, then start by cleaning the soot from all smooth surfaces with [Restore Solutions Chemical Dry Cleaning Soot Sponges](#). When removing soot with **Restore Solutions Chemical Dry Cleaning Soot Sponges** you need to wipe in the surface in the same direction, then go back over the same cleaning line until no more soot can be removed. Ensure that the smoke sponge used is not full of soot. This method is called 'Passes' when you wipe over the same cleaning line more than once. You may need to complete multiple passes when removing soot.
5. **Prottox SC20 Application:** Apply with either a brush, [Gloria Sprayer/Gloria Foamer](#) or a clean sponge/cloth. If using a high-pressure sprayer or foamer, apply a thin layer of foam/cleaning solution and start spraying from the bottom of the surface to the top. Allow approx. 5 minutes for the **Prottox SC20** solution to work.
6. Agitate the surfaces thoroughly to loosen the soot & dirt, then rinse away the **Prottox SC20** with clean water.

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7. With a clean dry cloth, wipe the surface dry removing the wet cleaning marks. Should the materials require drying by machines, ensure you select the best drying machine for the wet materials. Also wiping the area with [Protox Odour Free](#) on a microfiber cloth can help eliminate any lingering odours

Outcome:

A restored property with improved air quality, cleaned and sanitized. All surfaces should be neutralized from the harmful effects of smoke residual.

Dilution of Protox SC20
Fire damage remediating:
20:1 to 10:1
Surface cleaning:
100:1 to 50:1

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