

User Guide

Duct-Tech (annex doc)

22000854/2x5Lt

<i>Application</i>	Specialist Cleaner for Kitchen Canopies and Duct systems
<i>Features & Benefits</i>	This document provides more detailed advice on expert use of the Duct-Tech Cleaning System.
<i>Dilution</i>	<p>Kitchen Duct Cleaning is a specialist cleaning operation.</p> <p>Traditionally it has been hard work, messy and slow. However, using Duct-Tech correctly the process can be made much quicker, easier and safer.</p>
<i>Equipment Required</i>	<p>Preparation</p> <p>Ensure that you have examined the survey document and ensure the following:</p> <ol style="list-style-type: none"> 1. Established with the client when the system can be isolated and that you will have sole ownership of the system for the duration of the cleaning process. It is essential that you make sure that no one will attempt to power up the system during its period of shut-down. Power should be isolated/locked down and signage put in place to ensure that power cannot be restored inadvertently. 2. Equipment to ensure safe access to all areas to be cleaned. This will probably include both internal and external access and will invariably involve working at high and in poor light conditions. 3. Tools necessary to remove access hatches and marker pens to record where each one came from. 4. Scrapers and application equipment 5. All relevant PPE – See COSHH/Risk Assessment <p>Process</p> <p>The following is a detailed overview of the correct use of Duct-Tech. The basic principle is that Duct-Tech adheres to the soiling softening it until it can be easily removed. Used correctly it will enable a system to be cleaned faster and with much less labour.</p> <ol style="list-style-type: none"> 1. Survey the system to be cleaned so that you have a clear idea of the start point and end point. 2. No food should be left out in cleaning work area. 3. Remove all access panels from start to finish. Remove all items from around cleaning area to avoid accidental

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	<p>application to other surfaces.</p> <ol style="list-style-type: none"> 4. Inspect the general level and location of soiling, noting the areas of heaviest soiling. Depending on the nature of the deposit soiling less than 3-5mm may be treated directly with Duct-Tech. Where heavier deposits exist these should be scraped to remove the bulk of it before applying Duct-Tech. 5. By the time the entire system has been treated sufficient time will have elapsed (15-20 minutes) to make it possible to start removing the softened soil. 6. After cleaning the system should be inspected and photographic evidence taken to include with the cleaning certificate. Record any area where it has not been possible to clean – these should have been agreed with the client prior to accepting the commission. 7. Then replace access panels and prepare the system for handover.
<p><i>Use Instructions</i></p>	<p>Access Equipment (consult Risk Assessment/Method Statement) Techtron Duct Sprayer or suitable alternative fitted with fan nozzle (Viton or Santoprene seals recommended) 500ml/1000ml Chemical Spray Bottle Selection of scrapers Green pads (not for direct surface use! – see instructions) Waste bags/buckets Towelling cloth Bucket for wash product Light source: Torch or headlight</p>
<p><i>Hints & Tips</i></p>	<p>You will find a wide variety of soil-types, each one may require slightly different treatment. The following descriptions will help:</p> <p>Type 1: Soil is thick but mobile (Pushes away with finger). Scrape off loose soil and dispose. Apply thin layer of Duct-Tech then follow general instructions.</p> <p>Type 2: Soil is semi hard/tacky to touch (Difficult to scrape) Apply generous layer of Duct-Tech then follow general instructions.</p> <p>Type 3: Soil is very thick, gooey and tacky or dry rubbery. Apply Duct-Tech immediately and leave till slightly softened –</p>

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	<p>scrape off in sections. Reapply if needed then treat as Type 1.</p> <p>Type 4: Soil is thin, hard and dry to the touch. Use green pad to lightly “score” the <u>dry soil surface</u>. (There is no need to rub hard – just enough to provide a key). Pay attention to corners and overlap metal sections. Apply Duct-Tech then follow general instructions.</p> <p>Type 5: Soil a composite of type 1 and 4. (Common on baffles) Apply Duct-Tech immediately to the soil generously then follow general instructions.</p>
<p><i>Precautions</i></p>	<ol style="list-style-type: none"> 1. Apply an even coat to all surfaces using a pressure sprayer. Over application will cause the product to run off the surface. The product is coloured white to make it easy to see where it has been applied. 2. Now just leave it to work. Don't be tempted to agitate the surface. Patience is a virtue. 3. Allow between 15- 20 minutes dwell time (Baffles may need longer). Always check first though so as to prevent the need for secondary application due to premature removal of product. The time will vary with each section but can be judged by testing small patches with a scraper. 4. The soil will be mobile and easy to move off the surface. 5. Very heavy deposits may need scraping but most soiling can be wiped off with a towelling cloth soaked in a warm solution of RES RestoreClean which improves ease of wiping. 6. Wipe damp cloth or paper towel.