



BioSweep® UK  
Surface Defence® Technical Brief

*Advanced Surface Protection to Support Cleaner, Safer Environments*



## **Table of Contents**

**1. Introduction**

**2. How Surface Defence® Works**

**3. Surface Defence® Performance Properties**

**4. Application Areas**

**5. Duration of Protection**

**6. Maintenance Guidance**

**7. Benefits**

## **1. Introduction**

*Surface Defence® is an advanced surface treatment that provides broad-spectrum antimicrobial protection to help suppress the growth of bacteria and fungi following mould remediation, supporting ongoing hygiene and reducing the risk of recurrence.*

## **2. How Surface Defence® Works**

- Forms a protective layer on treated surfaces
- Suppresses microbial growth, including mould and bacteria

## **3. Surface Defence® Performance Properties**

Surface Defence® is designed to offer durable, long-lasting surface protection and demonstrates the following performance characteristics:

- Resistant to a wide range of organic solvents
- Resistant to strong acids and bases
- Does not leach into water, salt, or sweat
- Thermally stable up to 275°F (135°C)
- Colourless and odourless once applied

These properties allow Surface Defence® to remain effective in a variety of environments while maintaining the appearance and usability of treated surfaces.

## **4. Application Areas**

- Walls, ceilings, floors, fixtures, furniture
- Porous and non-porous surfaces

## **5. Duration of Protection**

- Typically, 9-12 months depending on conditions
- Reapplication recommended for high-risk areas

## **6. Maintenance Guidance**

- Use mild, non-abrasive cleaning products
- Avoid harsh chemicals that may degrade the protective layer

## **7. Benefits**

- Supports long-term property hygiene
- Reduces recurrence of mould and microbial activity
- Enhances insurance and restoration compliance