

# ProvaStep<sup>®</sup>

## APPLICATION BEST PRACTICES

ProvaStep is a **dry granular disinfectant** designed for preventative **control of microbial contamination** associated with incidental moisture introduced to **floors**.

### ACTIVE SUBSTANCE

17.06–18.85% (170.6–188.5 g/kg) Hydrogen Peroxide released from 52.49–58.01% (524.9–580.1 g/kg) Sodium Percarbonate.

PT02 - Non-food contact surfaces only

For industrial use only.

This product may be applied on floor surfaces where preventative microbial control is desired where incidental moisture/liquid may be introduced. Such areas include heavily trafficked areas around doorways and walkways, or around potential microbial hotspots such as drains, oven or chiller entryways, or construction perimeters. Moisture/liquid present in the manufacturing environment triggers the in-situ release of Hydrogen Peroxide.

### PRE-CLEANING

Before applying ProvaStep, ensure that the surface is clean and free from heavy dirt, dust or debris. This product works best on clean or lightly soiled surfaces, so it is important to remove any large particles or contaminants prior to application.

### FOR BACTERICIDAL DISINFECTION

Apply ProvaStep to dry surfaces as a preventative measure at a rate of 100 g per sq meter, particularly in areas that may become exposed to moisture in the future. Evenly spread ProvaStep across the dry surface. The product remains inactive until it comes into contact with moisture. Upon activation, ProvaStep will immediately start to work, effectively disinfecting the application area within 10 minutes of moisture contact when applied at a rate of 100 g per 0.5 L of moisture.

Apply ProvaStep to wet surfaces for immediate disinfection at a minimum rate of 100 g per 0.5 L of liquid (equivalent to 1 m<sup>2</sup> of liquid that is 0.5 mm deep). ProvaStep will effectively disinfect the application area within 10 minutes of contact time.

For ongoing protection in high-traffic or high-moisture areas, it is recommended to reapply ProvaStep at least once every 8 hours or when product is no longer visible.

## RECOMMENDED DOSAGE OF PROVASTEP IN KG\*

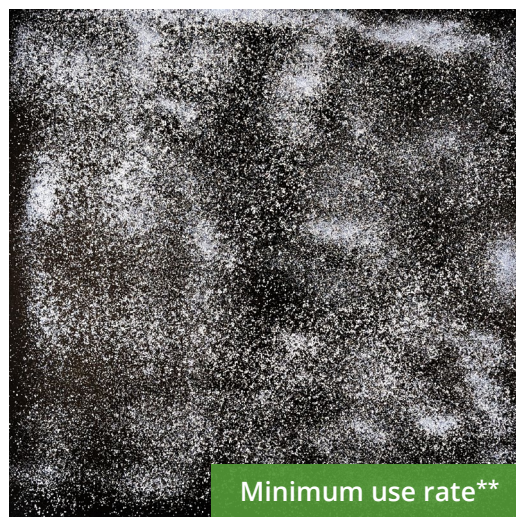
Recommended minimum dose rate: 100 g/m<sup>2</sup>

Room or Area Size	Minimum ProvaStep Weight Required**
10 m <sup>2</sup>	1 kg
20 m <sup>2</sup>	2 kg
50 m <sup>2</sup>	5 kg
100 m <sup>2</sup>	10 kg

\*The recommended dosing in the table above may be dependent on application location, moisture presence and traffic intensity. Please contact a Sterilex representative for customized dosing guidance.

\*\*For surfaces containing no more than 0.5 L of moisture per sq meter

ProvaStep applied to the floor at 100 g/m<sup>2</sup>



Minimum use rate\*\*

## COMPATIBILITY

Compatibility test for ProvaStep on common materials.

Material	Compatibility	Material	Compatibility
Aluminum 6061	Semi-Compatible <sup>1</sup>	Flowcrete Flowfresh SL (Urethane)	Compatible
Aluminum 7075	Semi-Compatible <sup>2</sup>	Flowcrete Flowfresh HF (Urethane)	Compatible
Stainless Steel 304	Compatible	Flowcrete Flowcoat SF41 (Epoxy)	Compatible
Stainless Steel 316	Compatible	Tuffco MRXL Epoxy	Compatible
Galvanized Steel	Semi-Compatible <sup>2</sup>	Dairy Brick	Compatible
Mild/Cold Rolled Steel A366	Non-Compatible	Quarry Tile/Ceramic	Compatible
Cast Iron	Non-Compatible	Unsealed Concrete	Compatible
Brass	Non-Compatible	Sealed Concrete	Compatible
		Acrylic Painted Surfaces	Non-Compatible
		Latex Painted Surfaces	Non-Compatible

1 Minor pitting and discoloration

2 Minor pitting and moderate loss of surface smoothness/luster

Please contact our sales representatives for more details and to arrange a trial.

Building 4, Foundation Park, Roxborough Way, Maidenhead, UK SL63UD | +44 1628 274459 | support@sterilex.co.uk | www.sterilex.co.uk

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