surfaceskins®
improves hand hygiene

Self-disinfecting
Alcohol Gel Door **Pushpads**

engineered to:
KILL germs in the **vital SECONDS** between **ONE user** & **the NEXT** passing through **the door**, to help **STOP** the **spread of infection**

Surfaceskins work by releasing a small amount of gel under the fingers and hands when pressed by door users, which immediately self-disinfects the area touched.

The amount of gel released is very small at approx 0.07g which has been proven in repeated NHS Laboratory trials to be enough to self-disinfect the product where it was touched. To give a comparison; the volume of gel required to self-disinfect the Surfaceskin is 0.07g. A teaspoon of gel is 5.9g. So, in one teaspoon full of gel there is enough gel to disinfect a Surfaceskins product 80 times.

The reason the gel required is so low is because alcohol gel has what is called a high 'residual effect' meaning even a tiny amount of gel provides protection.

Operating Mode of Action

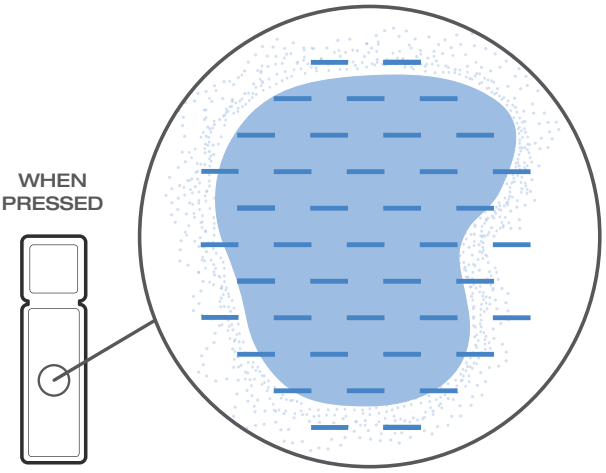
Primed State: (Fully Saturated)

Upon opening the product comes **fully primed** ready to deliver. At this stage the product **delivers above the required amount** to ensure good initial delivery **upon installation.**

Operational State: (Moist)

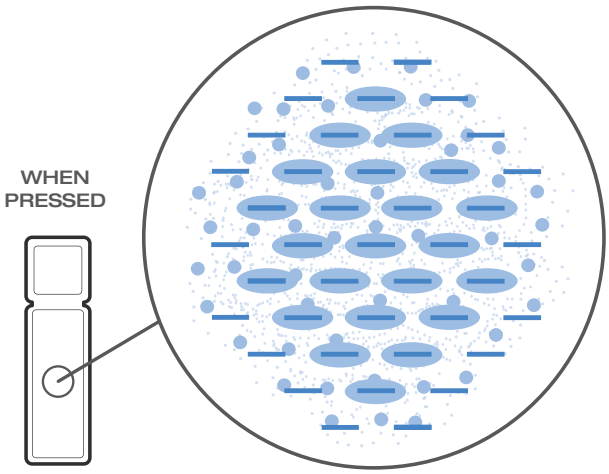
The product after approximately **50 activations, conforms to normalised delivery volumes** at approximately 0.07g per activation. At this level **gel delivery can appear very low** but it is **still killing germs** due to the **gel's residual effect properties.**

PRIMED STATE
DAY 1



EFFECTIVE
At Killing Germs

OPERATIONAL STATE
DAY 7 or 1000 Activations



EFFECTIVE
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KEY: VALVE WET GEL RESIDUAL GEL STATE

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