



## What is Crystalusion Liquid Glass Protection?

Crystalusion Limited focuses on bringing liquid glass technology to the hands of businesses and end users, packaged, presented, and positioned in a way familiar to all. More importantly their goal is to remove the mysteries around liquid glass and drive the awareness of what benefits it can offer.

Developed by the company who invented liquid nano technology, Crystalusion Liquid Glass Protection is a German engineered product that is a silicon-based coating, developed through extensive testing and research to offer one of the most advanced nano-coatings for mobile devices. What is amazing is that there are no glues or resins within the matrix of the Crystalusion structure, the layer adheres through the **Van Der Waals effect**. This means that quantum forces draw the Liquid Glass molecules to the substrate layer of the device it is coating so there are no corners or edges that can come unstuck or attract dust.

Crystalusion is a state-of-the-art, 100% invisible "**one size fits all**" solution that can protect any mobile device. It has been designed to protect portable devices including mobile phones, tablets, cameras, laptops, touch screens, gaming consoles and satellite navigation systems. This revolutionary technology coats the surface with a protective layer of advanced nanotechnology. Each molecule is 500 times thinner than a human hair and covers the pores of the surface protecting it against bacteria, abrasion, dirt, grease, and grime. Once applied, the newly coated device becomes extremely easy to maintain and cleaning only requires a simple wipe of the surface instead of the extensive rubbing required on untreated devices. This innovation provides an alternative solution to the unattractive and often difficult to maintain plastic films or bulky screen protectors, that protect devices at the cost of the appearance intended by the manufacturer.

# What are the benefits?

## 1. 600% Harder – Diamond Tested

Crystalusion Liquid Glass protection is laboratory tested to ASTM C1624-05 Qualitative Single Point Scratch Testing using a 0.2mm tip radius Rockwell diamond and is laboratory certified to withstand up to 80N before showing visible signs of scratching – that's 600% more resistant than a traditional screen protector!

## 2. Antimicrobial - Protection From Germs and Viruses

Crystalusion Liquid Glass protection is antimicrobial, which means bacteria cannot live on the protective layer which helps to keep your device germ free for up to 12 months based on usage. ASTM E2180 antimicrobial tests proved up to 99.9% reduction in levels of organisms when tested with Salmonella, aureus and E. coli and most recently SARS-CoV2.

## 3. Unlimited Screen Warranty

Crystalusion Liquid Glass protection comes with a **12-month free screen replacement warranty**. This means if your screen breaks during the first 12 months, it will be replaced 100% free regardless of the cost. Arrangements have been made with numerous device repair shops to allow customers to get repairs done in their local area.

## 4. 100% Invisible

Crystalusion Liquid Glass protection will not affect the viewing clarity or aesthetic look of any device. Because the Crystalusion layer is formed at the nanoscale level it is completely invisible to the naked eye and because it is **100% light permeable** it will not affect screen resolution or color clarity.

## 5. Less EMF Radiation

Crystalusion Liquid Glass protection has been scientifically proven to reduce **up to 90% of EMF radiation** generated by mobile devices. The Crystalusion Liquid Glass product once applied, creates a barrier that literally traps and protects against EMF radiation on any device.

## 6. Easy Clean

Crystalusion Liquid Glass Protection is **Super phobic**, this means it is both **Hydrophobic** (repels liquid) **and Oleophobic** (repels oils and grease). Because of this, oils and grease can't stick to the surface, they just sit on top of the layer which makes fingerprints and grease marks particularly easy to clean from the device.

## 7. Bubble Free

Crystalusion Liquid Glass protection is particularly unique because it is applied as a liquid. Because of this, air cannot become trapped between the Crystalusion layer and the device giving a completely **bubble free application** over the entire device, not just the screen.

## 8. Warranty Safe

Crystalusion Liquid Glass protection is functionalized in organic ethanol, and although it is applied as a liquid, the liquid is harmless to electronic devices and cannot cause any manufacturer or warranty issues. To further illustrate this point, a device could be fully submerged in Crystalusion without causing any operational issues.

## 9. Device Agnostic

Crystalusion Liquid Glass protection is **100% device agnostic** owing to its unique application process. Being applied as a liquid it can be used on any smartphone, tablet, laptop, or touchscreen enabling a single protection category for retailers.