



# Flora Coatings

To seek, to find and to yield™

## REVOLUTIONARY COATING TECHNOLOGY

Designed by renowned coating experts; FLORYL™ Coating is an intelligent bioceramic nano coating technology that protect surfaces from aggressive environmental conditions, including toxins and corrosion.

*Products developed following biomimicry*



### SUSTAINABLE

No environment  
or human hostile  
ingredients



### MULTI FUNCTIONAL

Can be used as adhesion  
promoter, undercoat,  
top-coat and clear-coat  
sealant layer

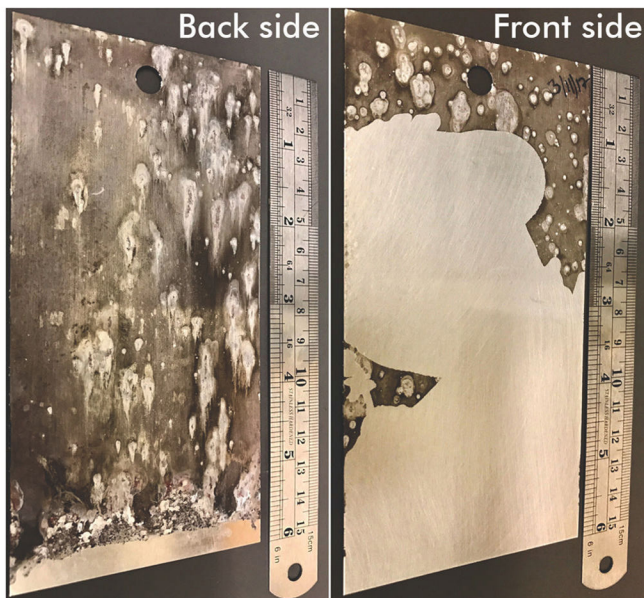


### CUSTOMIZABLE

Can be top-coated  
and pigmented to  
desired color



*Technology from Flora Coatings  
has been supported by US National  
Science Foundation (NSF) through  
SBIR/STTR program.*



## OUR INNOVATIVE PRODUCT

**FLORYL™** is a multifunctional bioceramic nano coating that forms permanent bonds to substrates. The product is supplied as a single compartment system leading to environmental friendly bioceramic intelligent coating.

This thin transparent bioceramic composition consists of in-situ generated nanoparticles that impart multifunctional characteristics to the treated surfaces. A significant advantage of this technology is that it **produces a liquid precursor that could be easily applied.**

*FLORYL™ preserving the coated portion of metal from severe corrosive conditions*

## NO HIGH TEMPERATURE CURING NEEDED

Coating cures in ambient conditions. Coating is less than 5 microns thick and does not add weight to the substrate or affect the appearance of the surface. **This can be applied on wide variety of substrates such as metals, plastics, composites, ceramics, fabrics, wood etc.**

## FLORYL APPLICATION AREAS

- ▶ Anticorrosion agent
- ▶ Anti-fingerprint agent
- ▶ Developing hydrophobic & anti fouling characteristics
- ▶ Scratch resistant
- ▶ Restoration agent

*Get in Touch!*

**LEARN MORE.**

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**FLORA**  
COATINGS