GENTOO APPLICATIONS

Gentoo is a new product for UltraTech. We have test data generated from the military contracts that Gentoo was developed under. We have preliminary information from about a dozen OEMs who have been trying Gentoo for a variety of applications. But there is a lot of information still to be learned. **In all applications, we recommend that the end-user tests to determine if Gentoo is suitable for their specific application.**

In many cases when an end user asks if Gentoo will work for a particular application, the response has to be an honest "We do not know, you will have to buy some and try it." We will be providing updated Application Reports from time to time as we get more information on where Gentoo is working and where it is not. We ask our distributors to share this sort of information with us for the benefit of all.

In general, Gentoo will have very strong opportunities in these following areas:

1. Anti-Corrosion
2. Self-Cleaning/Easy cleaning
3. Anti-Smudge/Anti-Fingerprint
4. Coating electronics
5. Anti-Paint/Anti-Graffiti – deters taggers, not just makes it easy to clean up graffiti
6. Coating lens – on cars, glasses, masks, etc.
7. Coating light covers
8. Clear coat for cars, buses trucks and trains.
9. Mining equipment
10. Signs
11. Antiquities
12. Coat areas you need to repel paint, chemicals, permanent markers, etc.

Applications where Gentoo has been effective:

1. Anti-graffiti on smooth painted surfaces.
2. Anti-Permanent marker on smooth surfaces.
3. Waterproofing of electronics on motherboard of drones.
4. Used as a clear coat on painted surfaces of vehicles and glass on vehicles.
5. Used as a coating on windshields to allow water to drain off rapidly.
6. Used to coat paint hooks and allow the paint to be easily removed.
7. Used on surfaces to make paint easier to clean off.

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Applications where Gentoo has been effective (continued):

8. Used on LED light covers to reduce ice adhesion on vehicles.
9. Coating Fiberglass Reinforced Plastic to repel water, help in reducing ice formation on wind turbine blades (further tests underway)
10. Allowing glass to be self-cleaned or easy cleaned with muddy water, river water, grey water or recycled water. Applications for cleaning solar panels and testing underway.
11. Some types of boots, gloves, treads on shoe and boot soles
12. Safety glasses
13. Coating aircraft landing gear for corrosion control
14. Coating stainless steel cable that is immersed in salt water for corrosion control
15. Anti-Corrosion in a variety of applications
16. Snow boards - sheds snow and ice

Applications where Gentoo is un-tested but expected to perform well:

1. Covers for outdoor lights.
2. Coating of off-road equipment, trucks, loaders, vehicles.
3. Coating oil rigs to prevent corrosion, on and offshore.
4. Coating boat trailers to prevent rust and keep clean.
5. Coating topsides of boats to keep clean, stain resistant.
6. Coating of boat hulls.
7. Coating for mussel control.

There are likely thousands of applications where Gentoo can be a successful candidate. Trial and error by your customers will be needed in the early days on un-tested applications until we can gather more data.

Please feel free to contact us with questions or for more information: 800.353.1611 / 904.292.1611 / info@gentoocoating.com

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