

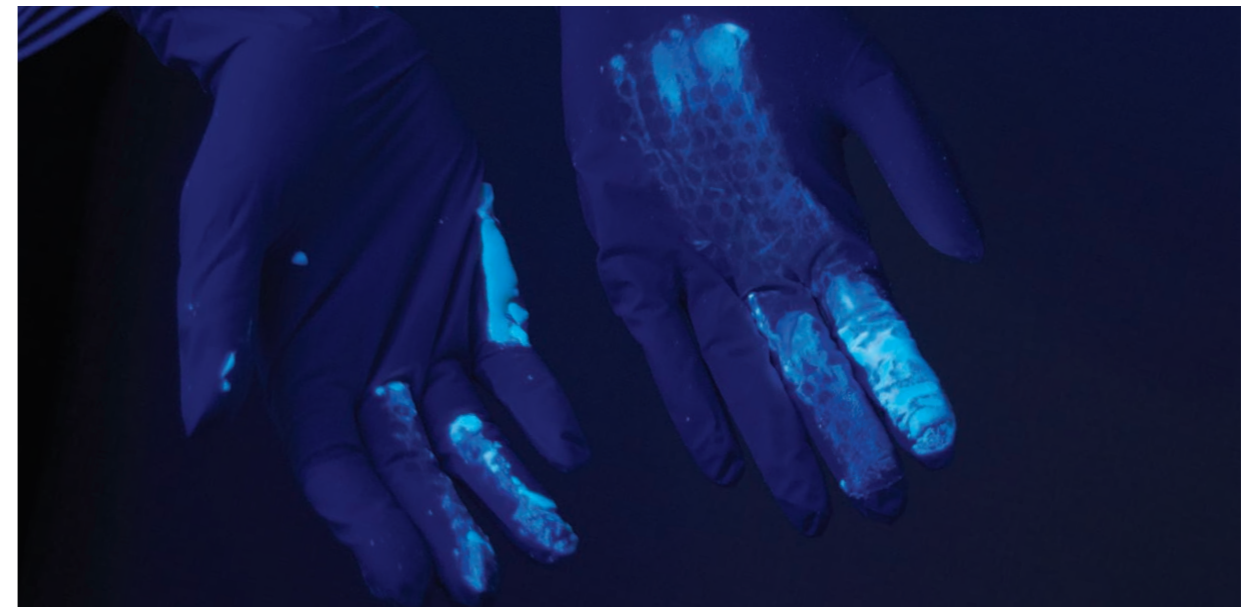


FURTHER INFORMATION

For more detailed information on Gurit® Light Reflective Technology, as well as the complete Gurit product portfolio, please visit: www.gurit.com

For pricing or other enquiries, please contact uk-customer.support@gurit.com

Gurit® Light Reflective Technology



Customer Support Composite Materials EMEA

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INTRODUCTION TO LIGHT REFLECTIVE TECHNOLOGY

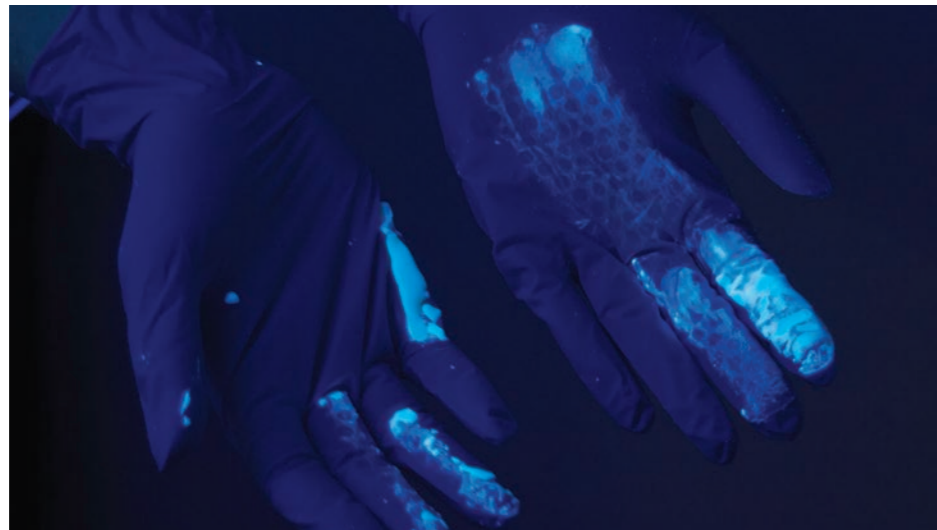
Gurit® Light Reflective Technology (LRT) is an optional additive that has been introduced in order to reduce workers' exposure to hazardous chemicals.

The additive to the resin matrix can be applied to any laminating and adhesive system without changing their mixing and handling properties or cured resin performance.

RELIABLE AND INEXPENSIVE INSPECTION

Gurit® Light Reflective Technology offers:

- Safe and reliable monitoring
- Fast inspection process through UV fluorescence
- Inexpensive detection of contamination with widely available UV lamps



Droplets of resin less than 1mm can be detected by this new approach and high contrast optimised image analysis may increase this further. This allows users to detect contamination from epoxy resin systems both on users' skin and equipment, door handles, and the like that would previously be undetectable with the naked eye.

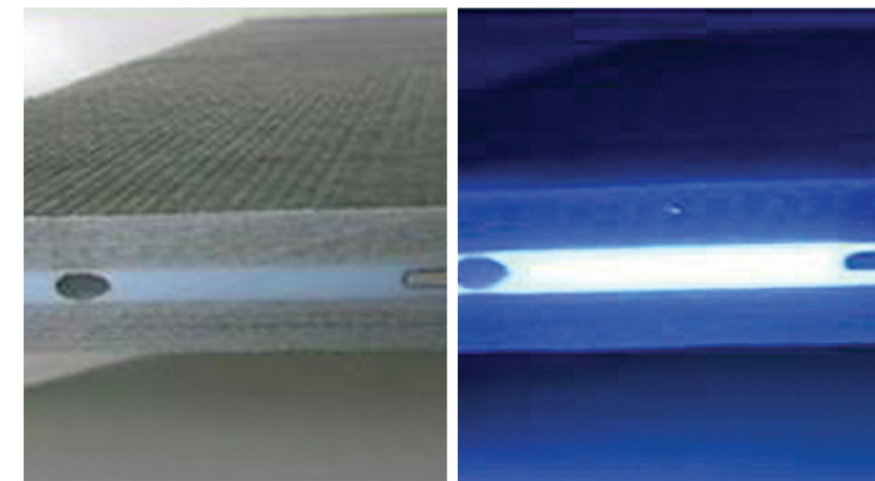
This then allows contaminated resin to be easily removed to reduce the risk associated with skin contact of uncured resins and significantly reduce the occurrence of workplace skin sensitisation of users.



BOND-LINE INSPECTION

Gurit® Light Reflective Technology (LRT) also enables easy inspection of hard to reach bond-lines, such as in wind turbine blades and yacht hulls.

- Easy to inspect difficult to see areas for presence of adhesive
- Compatible with vision systems to measure presence of adhesive
- Allows for inspection of bond-line quality in normally difficult to access areas of the blade



AVAILABILITY

Gurit® Ampreg 3X Series Laminating system is the first Gurit product range to feature this new technology as standard. Gurit® Light Reflective Technology can also be used for aesthetic parts where UV fluorescence is desired or for bond-line inspection.

Introduction to further Gurit systems is planned for the future.

For further information, please contact your local Gurit Customer Services or Technical Support Representative.

