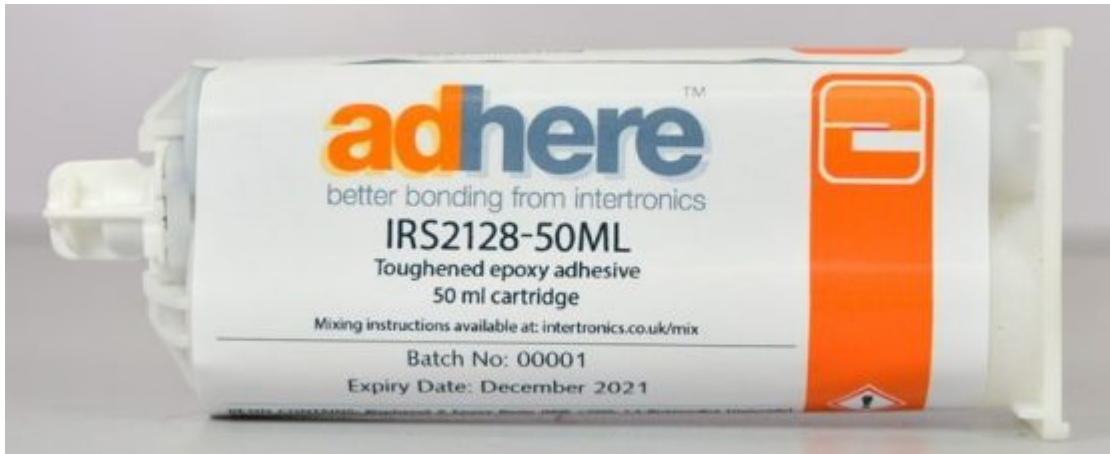


New product: toughened epoxy adhesive

We have introduced [IRS 2128 Toughened Epoxy Adhesive](#). This structural adhesive is a high-performance black resin system that offers good chemical resistance and excellent adhesion to a wide variety of substrates. Compared with many other epoxies, it offers vibration resistance and can bond dissimilar substrates more effectively.



A two-part system with a simple 1:2 mix ratio, **IRS 2128** is supplied in a convenient side by side double syringe cartridge, complete with static mixing nozzles. It offers excellent adhesion to a variety of metals, composites and plastics. Its resilience means this adhesive can withstand impact and vibration stresses, absorb energy, and deal with bonding materials with different coefficients of thermal expansion (CTE) under thermal cycling. It is a good candidate to test for applications where there is vibration, impact or thermal shock.

Adhesives are critical in many industrial assemblies and for the project to be a success, the bond

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must last the full product lifecycle. Bonding materials with different CTEs can be challenging because the substrates will expand and contract at different rates, putting stress on the bond. The toughened nature of **IRS 2128 Toughened Epoxy Adhesive** helps cope with that, as well as stresses from other physical or thermal shocks.

IRS 2128 is toughened, impact resistant, dimensionally stable, gap filling and offers a long pot life. It has good general chemical resistance and is Restriction of Hazardous Substances Directive (RoHS) compliant. The IRS2128-50KIT is available for trials, containing a 50 ml cartridge of epoxy, a syringe gun and three static mixing nozzles. Larger cartridges and bulk packaging is available.

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