

SUPERFAST Case Study

Magic Corner Kitchen Unit Repair

The high-strength bonding properties of Superfast Steel enable the repair of a collapsed magic corner kitchen unit which would have cost £290 to replace



How the pin would have looked when welded to the magic corner unit prior to snapping off



Part of the unit from where the 100mm pin snapped off and the pin itself once detached from the unit



Pin permanently reattached to the unit, avoiding the £290 cost of buying a replacement magic corner

Defect

A combination of the age of the unit, wear and tear and overloading had caused the magic corner to collapse, detaching it from the kitchen cupboard door where it had been fitted.

An inspection revealed that a vital 100mm pin upon which the magic corner pivoted had broken away from the frame where it had been welded in place.

With a replacement unit costing £290 and requiring advanced DIY skills to install, Sylmasta were consulted about the feasibility of repair.

Solution

The pin needed to be reattached to the magic corner using a bonding method strong enough to be comparable to the original welding.

Superfast Steel Epoxy Putty Stick offers super-strength adhesion between materials. Putty was cut from the stick and kneaded by hand.

Whilst soft, it was moulded against the frame to hold the pin back in place. The putty cured in around 10 minutes, forming a material as hard of steel to permanently fix the pin in position.

Result

Within an hour of the application, a full cure had been achieved and the magic corner could be filled with items again.

One Superfast Steel Stick was all that was required, at a cost of a little over £10 plus delivery. This represented a huge saving compared to the £290 outlay needed to replace the unit.