

SUPERFAST STEEL STICK

Case Study

Broken Magic Corner Kitchen Unit Repair

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



How the pin would have looked when it was welded to the unit before snapping off



The part of the unit from where the 100mm pin had snapped off and the pin itself after it was detached from the unit

Defect

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

The problem stemmed from a vital 100mm pin which the magic corner pivoted on breaking away from the frame where it had been welded in place.

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

Solution

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

Superfast Steel Epoxy Putty Stick offers super-strength adhesion between all materials, making it ideal for a quick and easy repair of the unit.

Enough putty for the repair 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 hardened in around 10 minutes, forming a material as hard as steel to permanently fix the pin back in its original position.

Result

Within an hour of application, Superfast Steel achieved a full cure and the magic corner could be filled - not overfilled - with items again.

One Superfast Steel Stick was all that was required at a cost of under £20. This represented a huge saving compared with the £290 outlay for a replacement unit.



Superfast Steel permanently reattached the pin to the unit, helping the homeowner avoid paying £290 for a replacement magic corner