

CAE1500 Superglue Case Study

Broken Christmas Decoration Repair

Sylmasta CAE1500 High Viscosity Superglue rescues Christmas for a family by repairing a priceless decoration passed down through the generations



The Christmas decoration had suffered a clean break into two different parts whilst being retrieved ahead of the festive season



CAE1500 was applied to the lower half of the wise man and the two parts pushed together for around 20 seconds, allowing bonding to take place



The completed repair left no visible crack or glue line on the decoration, enabling the wise men to return to duty as part of the nativity set

Defect

One of the Three Wise Men from a nativity scene had been snapped in two during the process of retrieving decorations from the loft.

Christmas would not be Christmas for the family without the full nativity set, and so they desperately sought a way of repairing the wise man so he could join Mary, Joseph, Baby Jesus, the wee donkey and the rest on display.

Solution

Sylmasta CAE1500 High Viscosity Superglue was chosen for the application because of its slightly longer cure time and versatility.

The thickness of CAE1500 means it bonds to non-absorbent surfaces in between 10 and 45 seconds, rather than instantly. This allows a small window for parts to be adjusted for an accurate, correct fitting.

CAE1500 was applied directly to the break on the bottom half of the wise man. The two pieces were pushed together and held in place for around 20 seconds whilst CAE1500 worked its magic.

Excess superglue which had been squeezed out the joint during bonding was then wiped away before it had the opportunity to cure.

Result

There was no visible glue or crack line following the repair. Nobody looking at the wise man could tell he had broken, making the application a complete success.

The wise man was returned to the nativity scene, ready to play his part in celebrating Christmas with the family for many years to come.