



Epoxy Putty Case Study

Clan MacGregor Dalmally Burial Stones Restoration

Sylmasta manufacture a version of AB Original colour-matched to RAL 7037 to help the Dalmally Burial Stones go on display for the first time in 400 years



Defect

Seven damaged burial stones sunk into the ground of the churchyard of the Glenorchy Parish Church in Scotland were discovered to belong to the ancient chiefs of Clan MacGregor.

Dated between 1390 and 1528, the stones were removed from the high altar of the church in 1615, taken outside and used to cover other grave plots.

They remained there until 2022, when the *Clan Gregor Society* secured permissions and funding to raise, restore and return the stones to display inside the church.



Missing chunks from the bottom of the Dalmally Stones were replaced with a specially manufactured version of AB Original colour-matched to RAL 7037

One major challenge during the restoration came from huge chunks missing from the base of the stones, leaving them unable to stand properly on display.

Solution

Graciella Ainsworth Sculpture Conservation asked Sylmasta to formulate a special version of **AB Original Epoxy Putty** colour-matched to RAL 7307 for an unobtrusive repair of the stones.

AB Original was then used to replace the missing chunks from each stone and create a flat, bottom edge. Once set, it formed a ceramic-like material similar to the original stone in texture and colour.



AB Original RAL 7037 blended in with the original stonework and helped the stones stand on display inside the church for the first time in 400 years

Result

The rebuilt bases helped the Dalmally Stones be fixed inside the church for the first time in 400 years. Members of the *Clan Gregor Society* flew to Scotland from across the world for the dedication ceremony.

Graciella Ainsworth have since used AB Original for similar applications, including making new bases for a series of stones displayed at the New Perth Museum.