

PNA - Product Notification Alert

COMPOUND 53-1 PRODUCT IMPROVEMENT NOTICE

Product Range:	Compound 53-1 (4.2 Litres)
Product Stock Code:	4180
Release Date:	17 th February 2026

Feature:

AusProof is pleased to introduce Compound 53-1, the latest advancement in our re-enterable electro-insulating resin technology. With a refined formulation, Compound 53-1 achieves faster stabilization and significantly improved electrical performance during early cure.

1.0 Electrical Properties:

Compound 53-1 shows clear improvements over the original Compound 53 in electrical performance. Testing focused on Volume Resistivity and Insulation Resistance, both critical for dielectric strength and long term reliability.

1.1 Volume Resistivity:

Compound 53-1 provides a 104% increase in volume resistivity at 24 hours, offering a stronger, more stable insulating structure early in the curing process.

1.2 Insulation Resistance:

Compound 53-1 reaches and exceeds the original Compound 53's peak insulation resistance in just 3 hours (compared to 96 hours). After 96 hours, it achieves insulation resistance approximately 300% higher than Compound 53.

Scan the QR code to view video mixing instructions on the AusProof YouTube Channel.

