

## PNA - Product Notification Alert

### COMPOUND 53-1 PRODUCT IMPROVEMENT NOTICE

<b>Product Range:</b>	Compound 53-1 (4.2 Litres)
<b>Product Stock Code:</b>	4180
<b>Release Date:</b>	17 <sup>th</sup> 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.

