

Underground Distribution

**Cable Accessories**

# Re-enterable 3 part resin compound

The re-enterable resin compound system from W T Henley is based on aliphatic hydrocarbon materials

Supplied as a 3-part mix, this product is designed as a temporary cable joint repair where customers have a requirement to re-enter the joint, which is typically within 72 hours.

This product is compatible with all modern cable types and cable joints can easily be re-entered - for example to run additional services.

When mixed together, the product hardens to form a tough, resilient encapsulation material.

Very hydrophobic (resists moisture).

- Moisture resistant
- Heat free
- Re-enterable
- Solvent free
- Will not crack
- Good adherence to metal



## Technical Data

<b>Resin Base</b>	
Type	Polybutadiene
Appearance	Clear liquid
Brookfield viscosity	4850 cPs / 7900 cPs
Relative density	0.95 g/cms
Flash point	>300° C
<b>Shelf life</b>	
	12 months
<b>Mixed Compound</b>	
Mixing ratio (by weight)	1:1
Brookfield viscosity	8100 cPs
Pot life	24 mins @ 20°C
Gel time	29 mins @ 20C
Exotherm	26.2°C rise from 24.6°C
<b>Cured Compound</b>	
Volume change on curing	<1% @ 23°C
Volume resistivity	10 <sup>3</sup> Ω cm @23°C
Permittivity	Er 2.52 @ 23°C
Dielectric Strength	20.60 kV/mm @ 20°C
Water absorption	0.28% @ 23°C
Relative density	0.95 g/cm <sup>3</sup>
Continuous operating temperature	90°C
Tensile Strength	0.42 Mpa
Elongation at Break	76%
Adhesion in shear	
PVC	0.146 Mpa
XLPe	0.222 Mpa
Lead	0.201 Mpa
Aluminium	0.437 Mpa
<b>Long term ageing tests HD 631.1 S2</b>	
Dry ageing 28 days 120°C	
Hardness Shore 'A'	70
Impact Strength	2 KJ/m <sup>2</sup>
Dielectric Strength	22 kV/mm
Tensile Strength	0.62 Mpa
Elongation at break	4%
Volume Resistivity at RT	2.10 x 10 <sup>3</sup> Ω cm
Weight Loss 7 days 120°C	0.05%
Wet Ageing 28 days 70°C	
Tensile Strength	0.23 Mpa
Elongation at break	50%
Dielectric Strength	20.3 kV/mm



Simple to use

W T Henley re-enterable resin is designed to be easy to mix and pour. When set it can be easily removed with a simple safety knife. No special tools or training necessary.

Supplied as a 4 litre kit  
Product code 53536-01

General Note: The equipment in this publication should be installed by a suitably qualified person. Sicame UK Limited reserves the right to make changes in product specification without notice or liability. All information is subject to Sicame UK's own data and is considered accurate at time this document was created.

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