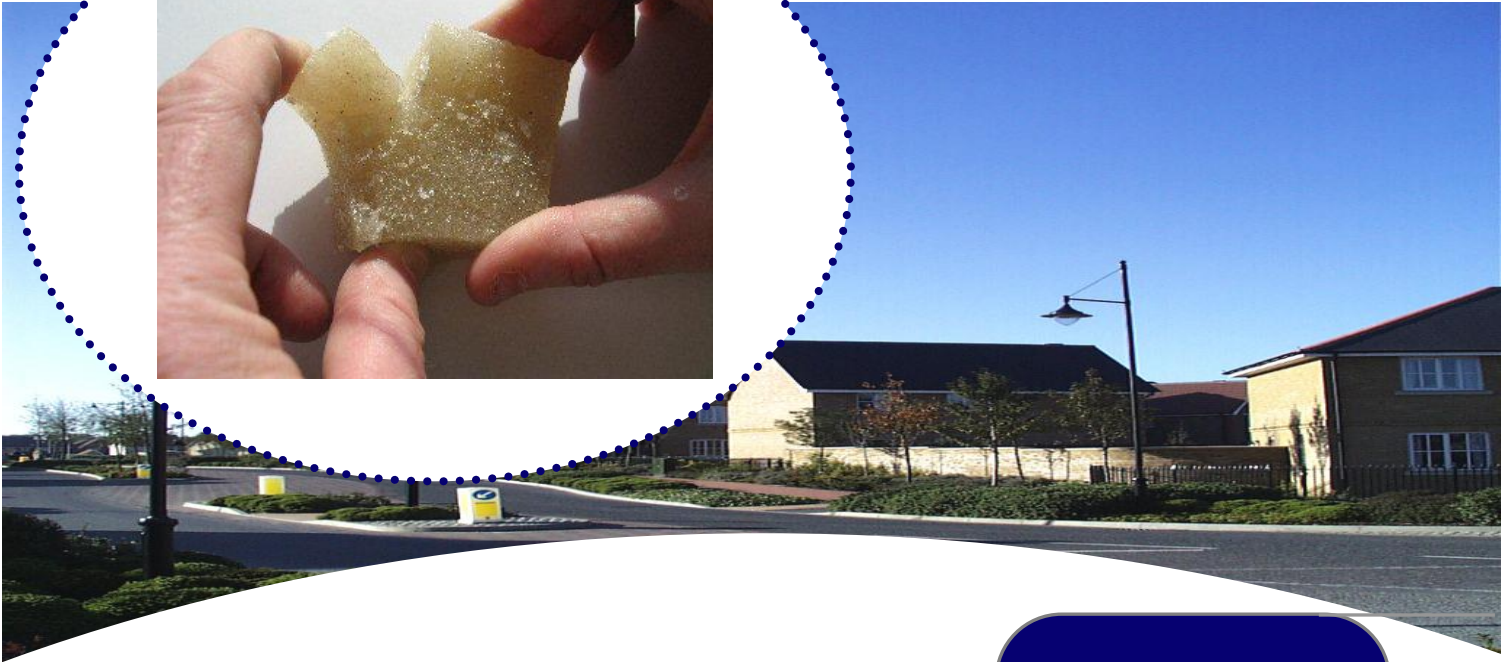


# **New** re-enterable 3-part resin compound



The *new* re-enterable resin compound system from W T Henley is based on aliphatic hydrocarbons.

Supplied as a 3-part mix, this product is designed to be used as an electrical insulating medium in underground cable joints

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 sets to form a tough encapsulation material.

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



A subsidiary of TT electronics plc



**Our name carries power... Everywhere**

**Technical data**

Resin Base	Test Method	Result
Type		Polybutadiene
Appearance		Clear liquid
Brookfield Viscosity		4850 cps / 7900 cps
Relative density	BS2782 Method 620A	0.95 g/cms
Flash Point		>300°C
<b>Shelf Life</b>	Store between 10°C & 30°C	12 months
<b>Mixed Compound</b>		
Mixing ratio ( by weight)		1:1
Brookfield Viscosity		8100 cps
Pot life		24 mins @ 20°C
Gel Time	BS 2782 Method 835C	29 mins @ 20°C
Exotherm	BS 6910 Pt. 1 1988	26.2°C rise from 24.6°C
<b>Cured Compound</b>		
Volume change on curing		<1% @ 23°C
Volume Resistivity	BS 903 Pt. C2	$10^{13} \Omega \cdot \text{cm}$ @ 23°C
Permittivity	BS 903 Pt C3	Er 2.52 @ 23°C
Dielectric Strength	BS 903 Pt C4	20.60 kV/mm @ 20°C
Water absorption	BS 2782 Method 430A	0.28% @ 23°C
Relative Density	BS 2782 Method 430A	0.95 g/cm <sup>3</sup>
Continuous operating temperature		90°C
Tensile Strength	BS 2782 Method 320	0.42 Mpa
Elongation at Break	BS 2782 method 320	76%
Adhesion in shear	625mm <sup>2</sup> lapped joints	
	PVC	0.146Mpa
	XLPe	0.222Mpa
	Lead	0.201Mpa
	Aluminium	0.437Mpa.
<b>Long term ageing tests</b> HD 631.1 S2		
Dry Ageing 28 days 120°C		
Hardness Shore "A"		70
Impact Strength	EN ISO 179	2KJ/m <sup>2</sup>
Dielectric Strength	EN 60243-1	22 kV/mm
Tensile Strength	BS 2782 Method 320	0.62 Mpa
Elongation at Break		4%
Volume Resistivity at RT	BS 903 Pt. C2	$2.01 \times 10^{14} \Omega \cdot \text{cm}$
Weight Loss 7 days 120°C	HD 631.1	0.05%
Wet Ageing 28 days 70°C		
Tensile Strength	BS 2782 Method 320	0.23 Mpa
Elongation at break		50%
Dielectric Strength	EN 60243-1	20.3kV/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**

**WT Henley Limited**

Silver Key, Church Manorway  
Belvedere, ERITH DA8 1EX, ENGLAND

Telephone: +44 (0) 1322 444500  
Facsimile: +44 (0) 1322 444502  
Email: sales@wt-henley.com

**Website: www.wt-henley.com**



General Note The equipment detailed in this publication should be installed by a suitably qualified person. WT Henley Limited reserves the right to make changes in product specification without notice or liability. All information is subject to WT Henley's own data and is considered accurate at time of going to print.

A subsidiary of TT electronics plc

© 2008 WT Henley Limited. All rights reserved. No part of this document may be copied or reproduced in whole or in part without prior written approval of WT Henley Limited.