

# RESIN PACK 14C

## Product Description

Resin Pack 14C is a two component polyurethane compound specifically formulated for use as a sealant against

the ingress of moisture and gas into telecommunications cable ducting.

## Features

- Fully complies with BT Specification M229C
- Supplied in a 250 ml “universal” cartridge fitted with a static mixer nozzle
- Bonds well to Polyethylene, Polycarbonate and PVCu
- Rapid cure
- Improved re-enterable characteristics as compared to Resin Pack 14B

## Typical Uncured Physical Properties

Property	Base	Hardener
Viscosity (mPas)	500	500
Colour	Black	Brown
Specific Gravity	1.02	1.18
Mix Ratio (by Weight)	1	1.16
Mix Ratio (by Volume)	1	1

## Resin Pack 14C – Performance Evaluation Against BT Specification M229C

Clause	Test	Spec Requirements	Results
4.1.1	Mixing Time	Homogenous mix achieved and contents dispensed within two minutes	As spec requires
4.1.2	Effect on cable sheath	Shall not adversely affect polyethylene	No adverse effect on polyethylene
4.1.3	Phenyl Isocyanate concentration	Must not exceed 0.01%	Less than 0.0005%
4.2.1	Viscosity	20,000 - 25,000 mPas	20,500 mPas
4.2.2	Gel Time	10 minutes	6 minutes
4.2.3	Max.Temp	120°C	50°C
4.2.5	Stress crack on Polyethylene	No stress crack	No stress crack
4.2.6	Cure /Setting	Tack free inside 1 hour @20°C	Tack Free 10 mins
	Cure /Setting	Acceptable cure after 24 Hours @ 5°C	Good cure after 24 hours @ 5°C
4.2.7	Adhesion to PVC	Minimum 0.25 N/mm <sup>2</sup>	0.32 N/mm <sup>2</sup>
4.2.8	Hardness @ 24 Hours	50-70 IRHD	65 IRHD
4.2.9	Compressive Strength	Min 2 N/mm <sup>2</sup>	2.5 N/mm <sup>2</sup>
4.2.10	Moisture Resistance	No foaming	No foaming
4.2.11	Seal Ability	No water loss	No water loss

**Note: The above technical information and data should be considered representative or typical only and should not be used for specification purposes.**

## FEATURES

- BT specification M229C Compliant
- Cartridge Dispensing
- Rapid Cure

## APPLICATIONS

- Telecomms
- Cable Ducting



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## TECHNICAL DATA

# RESIN PACK 14C

### Directions for Use

- See instruction leaflet in kit

### Surface Preparation

- Cables and ducts should be prepared as per instructions.

### Storage & Shelf Life

- 18months at 5-25°C

### Health & Safety

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. All Products should be used in accordance with your own COSHH Assessments. For additional health and safety information, call 01373 858234.

### Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that ALH believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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