



TECHNICAL DATA

NP1371

Product Description

NP1371 is a two component polyurea compound specifically formulated for use as a self-curing closure sealant system for sealing polyethylene sheathed telecommunications cables into the bases of Sleeves 30A, 31A and 32A for both construction and maintenance purposes.

Features

- * Fully complies with BT Specification LN717
- * Supplied in a 250ml "universal" cartridge fitted with a static mixer nozzle
- * Bonds well to Polyethylene, Polycarbonate and PVCu
- * Rapid cure
- * Fire retardant

Typical Uncured Physical Properties

Property	Base	Hardener
Viscosity (mPas)	200	200
Colour	Red	White
Specific Gravity	0.99	1.11
Mix Ratio (by weight)	1	1.12
(by volume)	1	1

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



RESULTS OF NP1371 TESTED AGAINST BT SPECIFICATION LN717

CLAUSE	TEST	SPEC. REQUIREMENT	RESULTS
4.1.1.	Mixing Time and Colour	Homogenous mix achieved and contents dispensed within two minutes. Colour to be Red	Gelled is Opaque Red Easily mixed within two minutes
4.1.2.	Effect on cable sheath	Shall not adversely affect polyethylene	No adverse effect on polyethylene
4.1.3	Effect on Polycarbonate	Shall not adversely affect polycarbonate	No adverse effect on polycarbonate
	Phenyl isocyanate concentration	Less than 0.01%	Less than 0.0005%
4.1.3.1	Gel Time	See Tec Data Page 1	See results Tech Data Page 1
4.2.2	Temperature Reached During Cure	Not greater than 87°C	As spec requires
4.1.3.2	Volume of Closure Sealant	Supplied in 1:1 Cartridge	As spec requires
4.1.3.3	Effect on Cable Sheath	No stress crack	No stress crack
4.1.3.4	Effect on Polycarbonate	No stress crack	No stress crack
4.1.3.5	Bond strength to Polyethylene	Greater than 1000 N when tested to Appendix B	1007 N typical
4.1.3.6	Bond strength to Polycarbonate	Greater than 1000 N when tested to Appendix C	1200 N typical
4.1.3.7	Performance Test	Meets requirements of Appendix F	As Specification
4.1.3.8	Flame Retardancy	Self Extinguishing	As Specification
	Operating Temperature		+125/-70°C



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Directions for use

See instruction leaflet in kit.

Surface Preparation

Cables and ducts should be prepared as per instructions.

Storage and Shelf Life

18 months at 5-25°C.



Precautionary Information

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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