



ALH Systems Limited

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TECHNICAL DATA

RESIN PACK 7B

Product Description

Resin Pack 7B is a two-component polyurethane foam specifically formulated for the sealing of telecommunications cable ducting against the ingress of moisture and gas.

Features

- * Fully complies with BT Specification M225.
- * Supplied as a comprehensive duct sealing kit including flexible foam dams.
- * Ideal for use on 54A ducting.

Typical Uncured Physical Properties

Property	Base	Hardener
Viscosity (mPas)	1100-2000	250
Colour	Clear water white	Brown
Specific Gravity	1.05	1.23
Mix Ratio (by weight)	1	1
(by volume)	1.17	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 RESIN PACK 7B TESTED AGAINST BT SPECIFICATION M225

CLAUSE	TEST	SPEC REQUIREMENT	RESULTS
4.2.1.	Cream Time	Between 30 and 70 seconds	60 seconds
4.2.2.	Compressive Strength	≥ 0.3 MPa	0.42 MPa
4.2.3.	Volume Increase	Volume of resin to be between 10 and 15 times the total volume of uncured components	Increase is 11-12 times total volume
4.2.4.	Cure	To be set to a cured state within 5 hours @ 20°C and 24 hours @ 5°C	Material cures within set limits
4.2.5.	Effect on Cable Sheath	No adverse effect on polyethylene	No adverse effect on polyethylene
4.2.6.	Apparent Density	60-100 kg/m ³	67 kg/m ³
4.2.7.	Performance Test	Seal to withstand a 3 m head of water for 24 hours without leakage	Seal will withstand a 3 m head of water without leakage



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Directions for use

Pour hardener into base and shake thoroughly for 30 seconds.

Surface Preparation

Cables and ducts should be prepared as per instructions.

Storage and Shelf Life

18 months at 5-25°C.



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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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Version: 2

Date: August 2019