



TECHNICAL DATA

RESIN PACK 6C

Product Description

Resin Pack 6C is a two component polyurethane compound specifically formulated for use as a sealant against the ingress of moisture into the concrete bases of cabinets cross-connection.

Features

- * Complies with latest BT specification
- * Supplied as a 3.8 litre kit comprising of 3.29 litres Base and 0.51 litres Hardener
- * Yellow base and blue hardener result in pale green mixed product (visual guide to mix quality)

Typical Uncured Physical Properties

Property	Base	Hardener
Viscosity (mPas)	5000	250
Colour	Yellow	Blue
Specific Gravity	1.41	1.23
Mix Ratio (by weight)	7	1
(by volume)	6.45	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 6C TESTED AGAINST BT SPECIFICATION LN735

CLAUSE	TEST	SPEC REQUIREMENT	RESULTS
4.1.1.	Mixing Time	Homogenous mix achieved and contents dispensed within three minutes @ 5°C Components to be of contrasting colours so homogeneity of mix is clear	As spec requires Base is yellow Hardener is blue Mixture is pale green
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	Not greater than 70 poise @ -5°C	Not greater than 70 poise @ -5°C
4.2.2.	Gel Time	20 minutes – 1 hour	20 minutes @ 30°C 1 hour @ 0°C
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	Acceptable cure after 24 hours @ -5°C	Full cure after 24 hours @ -5°C
4.2.7.	Flash Point	>35°C for all components	As per specification
4.2.8.	Hardness	50-70 IRHD	60 IRHD
4.2.9.	Weight Loss	<10%	<10%
4.2.10.	Steel Bond	>1500 N	2300 N
4.2.11.	Concrete Bond	>250 N	400 N
4.2.12.	PVC Bond	>250 N	1800 N
4.2.13.	Performance Test	168 hours leak free	168 hours leak free



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Directions for use

Pour hardener into base and mix for at least 1 minute with an ALH mixer paddle fitted into a high speed drill. (Also see application leaflet).

Surface Preparation

Surface should be visibly dry and free from dust.

Storage and Shelf Life

24 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

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