



The Glue People

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COV RES

Two component polyurethane adhesive.

General Description

COV RES is a new generation of two component polyurethane adhesive which has been developed as a fast setting, pourable, two component polyurethane system. It is a low viscosity product allowing for easy mixing at a ratio of 2:1. The simple mix ratio allows easy mixing of correct amounts therefore reducing wastage. The short cure cycle of COV RES means you save time and labour with assembly processes. COV RES is a self-levelling system, which sets solid to encapsulate the surrounding material.

Uses

Due to the nature of COV RES it has found widespread applications as a general potting compound but has proven especially popular as a support material for post-forming coving sections.

Application

Preparation

Surfaces must be clean, dry and free from any contaminants liable to impair adhesion. Ensure that COV RES Part A is thoroughly stirred before use as settling may occur after prolonged storage.

Method of application

COV RES can be manually mixed and poured wherever needed. Alternatively we have developed a two part metering system. The base and hardener materials are fed from bulk containers to the metering unit, where precise amounts are metered and transferred to the manifold. Inside the application head, the manifold combines the two components, which are thoroughly mixed before discharging. The manifold is automatically flushed clean when application ceases for extended periods.

Application temperature

10°C to 25°C

Coverage

12 – 18 linear meters per kit dependant on size of aperture.

Physical Data

Base	Polyurethane	
Viscosity	Part A	2000 – 3000 cps @ 20°C
	Part B	300 – 600 cps @ 20°C
Specific gravity	1.8 – 1.22 @ 20°C	
Non-volatile content	100%	
Service temperature	-40°C to 130°C	
Colour	Part A	Neutral
	Part B	Dark brown
	Mixed	Brown
Chemical resistance	Resistant to water, aliphatic oils, dilute acids and alkalis.	
Packaging	7.5Kg or 15Kg kits consisting of:	
	Part A	5Kg cans
	Part B	2.5Kg or 5Kg polythene jerrycans
Storage temperature	4°C to 25°C. Lower temperatures can cause permanent damage to chemicals.	
Coverage	12 – 18 linear meters per kit dependant on size of aperture.	
Cure time	Cures between 3 – 5 minutes @ 20°C dependant on volume used.	
Shelf life	1 year when stored correctly.	

Important Notice

Data contained in this document is for information only and is believed to be reliable. Trade Grade Products Ltd (TGP) cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability of the product for any specific purpose and TGP is pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information.

- The hazard label (complying with latest CDG/CPL regulations) applied to the container.
- Material Safety Data Sheet, COV RES Part A and COV RES Part B.