

Manufacturers of high tech building products for a high tech building industry

## Antel Epoxy Putty

Standard

### 1. DESCRIPTION

Antel Epoxy Putty is a two part epoxy resin material with excellent adhesion to most building materials - wet or dry - even under water. It has very good chemical resistance coupled with excellent bond strength. Although outwardly rigid Epoxy Putty will accommodate approximately 5% tension and flexure.

### 2. USES

Used to seal a wide variety of vertical and horizontal joints in such situations as:-

Swimming pools and other water retaining structures.

Water tanks/sewerage treatment plants.

Abattoirs.

Food processing plants.

Joints in concrete and earthenware pipes can now be effectively sealed. Ideal for sealing joints in acid resistant floor tiles where chemical resistance is required. Excellent for bedding concrete or quarry tiles in wet situations. As a putty type adhesive for most materials found in the construction industry.

### 3. PACKAGING

Epoxy Putty is supplied in two parts. Pack A and Pack B making a total of 1 litre mixed material. Non returnable containers.

### 4. COLOUR

Standard Grade - GREY - WHITE - BLACK - BUFF

### 5. USAGE RATE

1 litre will seal 7 linear metres in a joint section 12 mm wide by 12 mm deep. Please refer to the table on the following page for further coverage details.

### 6. SHELF LIFE/STORAGE

Epoxy Putty has a shelf life of 12 months if kept in the original SEALED CONTAINERS. Keep in cool, dry frost free conditions in original sealed containers. Protect from freezing. Keep out of the reach of children.

### 7. HEALTH & SAFETY

This product contains epoxy resin and hardeners which are known to cause skin irritation to some people. Wear protective clothing and wash well on completion of each work session.

Should the putty come into contact with the skin it must be washed off promptly. If in contact with the eyes flush with cold water for at least 15 minutes and seek medical attention. Users are recommended to use barrier cream.

**PLEASE REFER TO SAFETY DATA SHEET FOR COMPLETE INFORMATION**

### 8. INSTRUCTIONS FOR USE

#### 8.1 PREPARATION

Surfaces must be free of all loose and flaking paint, dust, dirt, laitance or grease. It is most important that surfaces are properly prepared.

#### 8.2 MIXING

Empty the entire contents of Pack B into Pack A or alternatively take equal quantities from Packs A and B and mix together thoroughly until a completely uniform colour is obtained without streaks. Mixing is best carried out by either using a slow speed drill and paddle or by hand. If mixing by hand, wear gloves and keep damp. Do not mix more material than can be used within 20 minutes.

#### 8.3 APPLICATION

Immediately after mixing, press the Epoxy Putty into the joint sides with a trowel or palette knife to obtain maximum contact. A smooth finish can be achieved by tooling with a wet stick or knife. The material will not slump in joints up to 20mm wide by 20mm deep. Joints to be sealed should not be less than 6mm wide by 5 mm deep.

#### 8.4 CURING

The pot life when mixed is 20 minutes

Initial cure is achieved in 24 hours.

Full cure is achieved 5 - 7 days dependent upon the temperature. The lower the temperature the longer the cure time.

**Do not use at temperatures below 4 degrees C.**

#### 8.5 TOOL CLEANING

Tools can generally be cleaned in water provided they have not been allowed to dry. However, after prolonged use it is advisable to clean using Antel Cleaning Solvent.

TABLE 1. COVERAGE PER LITRE

		Width mm					
		6	10	15	20	25	30
Depth mm	6	26.65	20	13.3	10	8	6.65
	10		10	6.65	5	4	3.3
	15			4.45	3.3	2.65	2.2
	20				2.65	2	1.65
	25					1.65	1.3

Linear metres per 1 litre of material

# Product Data Sheet