



# ADHESIVE ENGINEERING

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## P110 GENERAL PURPOSE EPOXY PASTE

### **DESCRIPTION:**

P110 thixotropic epoxy gap filling paste and general adhesive.

### **APPLICATIONS:**

Bonding and sealing of concrete, marble, granite, tiles, bricks, blocks, timber, P.V.C., ceramic pipes, mild steel, aluminium, fibreglass items and others. Patching of bony concrete and cavities. Ideal for swimming pool repairs.

### **RATIO:**

Equal parts "A" & "B" by weight and volumes.

### **FEATURES:**

Creamy grey texture, non sag on vertical surfaces.. 20mm thick.

White "A" resin, black "B" hardener, easy to Mix. Tensile & compressive strength superior to concrete.

Good chemical resistance.

### **SURFACE PREPARATION:**

All surfaces should be thoroughly clean and dry.

Metals should be grit blasted, alternatively degreased then abrade, remove mill scale.

Concrete should be free from grease and oil, remove laitence by grinding or scabbling

### **POT-LIFE:**

@ 25 degrees C. ½ litre kit 30 minutes.

### **CURE TIME:**

24 hours at 25 degrees C.

### **CURED:**

Maxiumum operating temperature 65 degrees C.

### **TENSILE STRENGTH:**

Mpa 38: Tensile shear strength Mpa 10.

### **COMPRESSIVE STRENGTH:**

Mpa 100: Flexural strength Mpa 17.

### **MODULUS OF ELASTICITY:**

Mpa 2x10 - 2.2x10

### **CO-EFFICIENT:**

Of Linear Expansion (mm/mm/degrees C.x10-6)

### **WATER ABSORPTION:**

ASTM D 570 10 Days at 25 Degreeese C. 0.05% By Weight

**MINIMUM DI-ELECTRIC STRENGTH:** 50 HZ @ 25 degrees C (Kv/cm) 175 – 190

### **KIT SIZES:**

250cc, 1, 2, 4 & 20 litres.

### **CLEAN UP:**

Clean tools with A.E. Tool Cleaning Solvent.

Use barrier cream .

Wash hands with soap and water.

### **SAFETY:**

Refer: Safe Handling Bulletin & M.S.D.S.