



*the* Ultimate  
Wood Repair *system*

*Le système ultime de*  
réparation du bois

## Putty A and Putty B

### **Description:**

Our structural putty A and putty B system is 100% solids containing no solvents or no VOCs having a room temperature cure, slow gel time epoxy to be used in conjunction with our liquid A and B system.

### **Properties:**

- Structural: Provides a permanent structural repair to wood.
- Other Properties: Easy to shape, sculpt, sand, paint, stain, nail, screw for a permanent water-proof repair.
- Protective: Provides a protective water-proof repair preventing further rot and repair to any exposed wood.

### **Typical uncured properties:**

Components	Mixing Ratio		Viscosity ASTM D-2393 Brookfield @ 25 <sup>o</sup> C mPa.s (cps)	Color
	By weight # Parts	By volume # Parts		
Liquid A	100	100	Paste	White
Liquid B	95	100	Paste	Dark Yellow
Mix			Paste	Yellow

### **Gel time (ASTM D-2471):**

Minutes	Temp. °C	Mass (gr.)
180-300	25	150

### **Coverage:**

One (1) kg covers approximately 4 to 5 m<sup>2</sup> (43 to 54 ft<sup>2</sup>).



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### **Typical cured properties:**

Minimum cure schedule for 16 hours @ 25°C

	ASTM	
Tensile strength, psi:	D-3500	18,459
Flexural strength, MPa:	D-3054	851
Linear shrinkage, %:	D-2566	0.3
Hardness, Shore D:	D-143	423
Impact resistance, IZOD:	D-256	0.53
Elongation, %:	D-638	0.3
Water absorption, %:	--	0.05

### **Pretreatment of surfaces:**

Surfaces being repaired must be dry, clean and sound. Use sandblasting, needle scalers, a powered grinding tool or scrapers to remove all traces of dirt, oil, curing compound, mold release agent and disintegrated materials.

### **Mixing:**

1. Mix putty A only with putty B.
2. Do not use damaged or leaking containers.
3. Premeasure putty A and putty B separately. Then place the hardener into the resin container according to the required 100:100 mixing ratio.
4. Knead putty A and putty B thoroughly until a uniform yellow colour. Continue to knead for an additional 30-45 seconds.
5. Never dilute with solvents.

### **Cleaning of tools:**

Tools and equipment should be cleaned immediately after use vinegar or Lysol.

### **Storage:**

Keep containers closed until just before use at a temperature above 15°C.

### **Caution:**

Keep putty A and putty B away from eyes and skin. Like any reactive material, uncured putty A and putty B may irritate sensitive skin. Wear protective clothing, goggles and gloves.

### **FIRST AID:**

#### **Eyes:**

Flush immediately with plenty of water for 15 minutes and obtain medical aid.

#### **Skin:**

Clean skin with warm water and a soft soap. Never use solvents to remove material from skin.