

# JOLUKA

## ALL PURPOSE EPOXY

### PRODUCT DESCRIPTION

JOLUKA ALL PURPOSE EPOXY is a thixotropic, solvent free epoxy adhesive used for structural bonds onto dry concrete and steel surfaces.

### USES

- Bond concrete to concrete, steel to steel, concrete to steel and bonding to wood, fibreglass, tiles, glass and bricks.
- General purpose adhesive and filler.
- Concrete void filler/structural concrete repairs.
- Road stud epoxy adhesive.

### ADVANTAGES

- Easy application
- Easy mixing ratio 1 : 1
- Excellent adhesion to concrete & steel surfaces

### TYPICAL PROPERTIES

Mixing Ratio:	1 : 1
Glass Transition Temp 9 ( °F):	131
Compressive Strength 10 @ Yield (psi):	14,300
Compressive Modulus 10 (thousand psi):	388
Tensile Strength 11 (psi):	9,800
Tensile Modulus 11 (thousand psi):	403
Tensile Elongation 11 (%):	6.7
Flexural Strength 12 (psi):	6,300
Flexural Modulus 12 (thousand psi):	516
Hardness 13 (Shore D):	80
Adhesion to Damp Concrete 14 (psi)	
7 day cure @ 72 °F:	300
7 day cure @ 40 °F:	250
Pot Life:	30-40 minutes
Cure: Practical:	24 hours
Full cure:	7 days
Colour:	Concrete grey
Finish:	Semi-Gloss

### PLACEMENT GUIDELINES

Prepare the surface prior to application by removing all loose material, water, rust and any oil based products. The product consists of two parts; (PART A - Resin & PART B - Activator) (Ratio 1:1) Using a small trowel, mix 1 part A with 1 part B. Mix the combined product thoroughly for at least 3-5 minutes. Apply the GripEpoxy with a steel trowel. Rusted reinforcing should be cleaned and coated with a suitable coating. Clean equipment and brushes with an Epoxy Cleaner

### PACKAGING

Supplied in 1lt, 2lt & 5lt kits.

### SHELF LIFE

One year in original unopened containers.

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### **STORAGE**

*Store in a dry cool place.*

### **LIMITATIONS**

*Mixing should not take place in temperatures below 5 °C. Do not apply to wet surfaces. Can be applied in damp conditions (not under water conditions)*

### **CAUTION**

*Avoid contact with eyes and skin. In case of contact with eyes, immediately flush eyes with water and immediately call a physician. Wash hands after contact. Always wear dust masks when handling, mixing and applying products. Also refer to MATERIAL SAFETY DATA SHEET.*