



## JUBILANT AGRI & CONSUMER PRODUCTS LIMITED

### TECHNICAL DATA SHEET

#### JIVANJOR JUBISEAL GENERAL PURPOSE

FOR INFORMATION ONLY

**JJ JUBISEAL (GENERAL PURPOSE)** Epoxy Putty Compound is a two component room temperature curing , easy to use multi-purpose epoxy putty compound, useful in sealing, gripping, joining, insulating variety of surfaces like ferrous and non-ferrous metals, porcelain, ceramic, marble, concrete, granite, ivory, asbestos, glass, wood, certain plastics, etc. On curing, the compound exhibits tough and long lasting 3-dimensional bond and sets into a hard mass that can be drilled, tapped, machined, cut and then painted. It has a good electrical insulating properties and the cured product is resistant to moisture, heat, mild acids and alkali.

#### TYPICAL COMPOSITE PROPERTIES:

|                                |                         |
|--------------------------------|-------------------------|
| 1 Mixing Ratio                 | 1:1 Ratio               |
| 2 Usable life at 27°C          | 10 approx (Minutes)     |
| 3 Setting Time at 27°C         | 50 -60 aprx. (Minutes)  |
| 4 Hardening Time at 27°C       | 75 approx (Minutes)     |
| 5 Tensile Strength             | >200 Kg/cm <sup>2</sup> |
| 6 Compressive Strength         | >400 Kg/cm <sup>2</sup> |
| 7 Impact Strength              | >3.0 Kg/cm <sup>2</sup> |
| 8 Hardness                     | >75 (scale)             |
| 9 Overlap Shear Strength       | >90 Kg/cm <sup>2</sup>  |
| 10 water Absorption %          | <0.3 %                  |
| 11 Density of cured mass (1:1) | 2.4 - 2.5 (g/cc)        |

**NOTE:** These typical-properties are not be construed as product specifications.

## **APPLICATION AREA;**

**JUBISEAL GENERAL PURPOSE** is Ideal for industrial, electrical, automotive, grouting civil cracks, general & household, handicraft applications. Resin and hardener components are equally mixed with both hands by rolling between two palms until a dark gray colour (like dried cement mortar) is attained. As soon as Resin/Hardener are mixed, the chemical reaction starts immediately, and it's advisable to apply it on clean substrate immediately after the mixing is over. The job should be completed well within the usable life (spreading of matrix is easy in the first 1-2 minutes) of mix to get optimum results. The compound will set in 30 minutes at 27°C. At low temperatures the curing process is prolonged and similarly at elevated temperatures the processing is reduced. Don't mix the product for long time in the hand and apply on the substrate immediately thereafter.

## **SAFETY & PRECAUTIONS**

Generally the **JUBISEAL GENERAL PURPOSE** putty when mixed in right proportion, on complete cure, is non-toxic and harmless. The resin component is non-toxic; hardener being based on amine type may cause irritation only to sensitized skin. Do not use organic solvents for cleaning hands.

## **SHELF LIFE**

The shelf life of this product is about 12 months in sealed packs. From date of manufacture (unopened):

## **STORAGE CONDITION**

Store in a cool (27°C) and dry place.

**NOTE:** We recommend that before using our product in full-scale production, the user should make his own tests to determine the suitability under his operating conditions. As the circumstances under which our product is stored, handled and used are beyond our control, we cannot assume any responsibility for any misuse by the customer.