



THE STRESS FREE BONDING



Proudly made in India

## TECHNICAL DATA SHEET

# ESSRBOND EB 100

CGSEAL/TDS/029, Date : NOV - 2015

(PUR Wood adhesive)

### DESCRIPTION

ESSRBOND EB 100 is a moisture curing polyurethane based adhesive for binding of solid wood (especially for hard wood & tropical wood species) also for many other substrate combination like HPL / Cpl, bonding to galvanized iron or metals, bonding expanded polystyrene (sanded) to wood, stone etc.

### TECHNICAL PROPERTIES

PROPERTIES	RESULT
Viscosity [mPas]	5000 to 10000
Density [g / cm]	1.1 to 1.15
Solid Content at 20°C[%]	Approx 100
Solvents	None
Consistency	Liquid
Open Time at 25°C	10 Min
Initial Setting Time	30 Min
Final Setting Time	4 Hours
Tensile Strength	7 Mpa
Service Temperature	- 40°C to 80°C



### APPLICATION GUIDELINE

If the product is processed cold, the minimum ambient and substrate temperature is + 10°C moisture is below 8%. Please take care during pressing to prevent the press from glueing shut. Coat the press with a silicone release paper. Bonding result depend on the material properties and processing condition. We recommend preliminary customer trials. clean the substrates to be bonded so that they free from dust / rust / oil.



### STORAGE

To be stored indoors, away from direct sunlight, heat source and moisture.

### SHELF LIFE

Twelve Month from the date of manufacturing under above condition.

### PACKING

500gm HDPE Bottles of 12 Bottles in a box

### NOTE

The company's products are sold subject to the Company's standard terms and conditions of sale. Products are warranted against defective materials and workmanship. The company makes every effort to ensure that all the information, recommendations or the specifications provided by it are accurate and true. However as the company has no control over the conditions of use, it cannot accept any liability, either directly or indirectly regarding the usage of its products. Product specifications are subject to change without prior intimation to users as the products are being continuously upgraded.