



THE STRESS FREE BONDING



Proudly made in India

## TECHNICAL DATA SHEET

# ESSRBOND Building Bond

CGSEAL/TDS/211, Date : JAN - 2024

### DESCRIPTION

ESSRBOND Building Bond is a solvent base high strength construction adhesive. it bonds wood, concrete, cement board, metals, masonry, ceramic and glass. No reaction to mirror back coating. Reduce the need for screws and nails.

### FEATURES

- ▶ Suitable for bonding on uneven surfaces
- ▶ Makes the use of screws and nails redundant
- ▶ Water resistant
- ▶ Suitable for bonding polystyrene
- ▶ General purpose construction
- ▶ As a contact adhesive for the installation of wall and floor panels
- ▶ Metal, timber & other sheets of plan materials to concrete, plaster or other rigid surfaces
- ▶ Most bonding applications where high strength, gap filling one component adhesive is required
- ▶ Installation of battens or other fixings to brick, masonry or concrete walls
- ▶ Suitable to use on foamed polystyrene

### TECHNICAL PROPERTIES

PROPERTIES	RESULT
Base	Synthetic Rubber
Color	Light Brown
Viscosity	Non Slump Paste
Curing Systems	Physical drying and crystallization
Curing Speed	Hand tight in 20 min
Temperature Resistance	-20°C to +60°C
Open Time	15 to 20 Minutes
Application Temperature	5°C → 40°C
Coverage	5mm bead: 20m per cartridge or 35m per sausage
Solids Content	75%
Sag resistance	>6mm
Specific Gravity	1.13
Maximum Bond Strength	Generally between 48 - 72 hours depending on application
Shear Bond Strength	>1 MPa





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### APPLICATION

- ▶ All bonding in assembly techniques
- ▶ Bonding in the renovation industry
- ▶ Bonding in construction industry
- ▶ Bonding of cable trays and panels

### APPLICATION METHOD

Apply the adhesive in equal beads or dots on one of the materials that need to be glued. Always apply adhesive to the edges and corners. Press both parts together, immediately pull loose and let dry for 10-15 minutes. Afterwards bond again and batten with a rubber hammer.

Support if necessary.

Cleaning: white spirit acetone.

Repair: With the same material.

### SURFACE PREPARATION

Ensure all surfaces are clean and dry. Free from all loose paint, dust, grease and release agents.

### HEALTH AND SAFETY

Take the usual labour hygiene into account. Consult label & material safety data sheet for more information.

### STORAGE

Store in a cool and dry storage place at temperatures between +5° C & +25° C.

### SHELF LIFE

12 months from date of manufacture in above storage condition.

### PACKING

ESSRBOND Building Bond is supplied in 400g cartridge, 48 pcs packed in 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.