

TECHNICAL  
**BOND – U**  
DATA  
ADMIXTURE)

**EXPANGROUT**  
**(EXPANDING GROUT**

**DESCRIPTION:** - EXPANGROUT BOND – U is a plasticised expanding grout admixture. It is a single component additive for cement mortar for grouting aid.

**USES:** -

- Grouting of voids – tunnels.
- Confined cavity fills.
- Grouting into Honeycombs in concrete structures.
- Bed grouting.
- Duct grouting.

**ADVANTAGES:** -

- EXPANGROUT BOND – U is chloride free and iron free and hence there is no corrosion.
- EXPANGROUT BOND – U helps to increase impermeability of the cementitious grout system.
- EXPANGROUT BOND – U enhances compressive strength of the cementitious grout system as it allows water reduction.

**PROPERTIES:** -

**EXPANSION:** - Positive expansion 2 to 4 %.

**SETTING TIME:** - EXPANGROUT BOND – U will not alter the normal set of cement grouts.

**STANDARDS:** - EXPANGROUT BOND – U complies with BS 8110 part 1985.

**METHOD OF USAGE:** -

**DOSAGE:** -

With only cement	:	1 pack per bag of cement.
Cement grout	:	1 pack per bag of cement + 50 Kg sand.
Concrete	:	2 pack per bag of cement.

**MIXING:-**

To mix the required quantity of EXPANGROUT BOND – U with the wet cement or concrete mixes in a mechanical mixer. Care should be taken to ensure as low as water cement ratio as possible to get high quality grout.

**APPLICATION:** -

The mixed grout or concrete should be used within 20 – 25 minutes. The substrate must be free from loose particles; grease and substrate must be moistened enough.

**YIELD:** -

1 pack of EXPANGROUT BOND – U WILL yield 36 litres of cement with 50 Kg of cement at a W/C ratio of 0.040 – 0.45. With 50 Kg cement, 50 Kg sand, 1 pack of EXPANGROUT BOND – U will yield 57 litres of grout at a W/C ratio 0.45.

## PRECAUTIONS

EXPANGROUT BOND – U is non – toxic and non – flammable. Any splashes on to the eyes have to be immediately washed with plenty of water and medical advice has to be taken.

## SUPPLY

EXPANGROUT BOND – U is supplied in 250 Gms.

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The customer should make his own trials to determine the compatibility of the product for his own purpose. All products are sold subjects to our standard terms and conditions of sale.

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DR. BONDING  
CONSTRUCTION CHEMICALS

Vivekananda Nagar colony,

Regd. Off: G2, Thandava Mansion, R K Street,

Kukatpally, Hyderabad – 500 072. Phone:  
23061755, 23060187.

E-mail :

dr\_bcchem@gmail.com.

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