



DURABOND CJ

Bonding Agent for Cold Joints

Description :

DURABOND CJ is a polymer based bonding agents for removal of cold joints. Such joints after treatment shall be absolutely water tight.

Uses :

DURABOND CJ is used as a bonding agents between old and new concrete / mortar to remove weak / leaking old joints as practically observed in most of the cases for concrete / mortar / render /screed layers.

Features :

- ❖ Excellent bonding to the most building materials.
- ❖ Highly waterproof.
- ❖ Resistant yet tough and hardened.

Surface Preparation :

The surface must be sound clean and free from oils, grease or other contaminants. Any loose materials, rust scale dirt, laitance shall be removed by approved means. Dampening of the surfaces is a must. SSD condition of the surface is ideal.

Application & Mixing :

Mix two parts of cement (Free flowing lump free) with two parts of Zone III sand thoroughly. Such cement sand mixture should be poured and mixed with 1 part of **DURABOND CJ** till smooth consistency results and then apply this polymer / cement / sand slurry on the surface where cold joints upto be removed. Infact fresh concrete should be poured over the **DURABOND CJ** applied surface within 20 – 30 minutes. Otherwise, (beyond 30 minutes) second coat may be provided for proper bond.

Coverage (Typical) :

Above mixture of 2 kg cement plus 2 kg Zone III sand plus 1 kg **DURABOND CJ** will provide a typical coverage of 3.5 m² to 4 m² in single coat.

Technical Data :

Setting Time

Initial : 6 hr 30 min.
Final : 8 hr 20 min.

Bonding Strength (Direct), kg/cm² :

7 d : 5.6
28 d : 7.8

Bonding Strength (Shear), kg/cm² :

7 d : 73
28 d : 85

Waterproofing at the Joints : No water has been found to be percolated through such joints.

Packing : In 5 kg. and 25 kg containers.

Shelf Life : 1 year in unopened container.

Health & Safety : Non-flammable. Eco-friendly.

DURA®



IMPORTANT: Though the product may change with some code as suffix or addendum to the principal or original name out of some minor adjustment and fine tuning in the formulation due to our continuous research and development but shall exhibit the stated properties with more improvement.

WARRANTY: Our high potency products are manufactured under stringent National/International Quality Standard specifications and guaranteed against any manufacturing defect. Suggestions and recommendations are made here based on our most practical experience and exposure over 25 years in the field and are believed to be most appropriate and correct BUT no liability can be accepted by us, as the conditions of use of such products are beyond our control.

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