



DESCRIPTION: -

VCOBOND EPPL – 5990 is a two pack epoxy resin system with special properties in built to suit for injection grouting and for granting gap widths of 0.25 to 10 mm.

FEATURE / ADVANTAGE: -

- Excellent flow ability which is required for an injection grouting.
- Both early and ultimate strengths are high.
- It has a good chemical resistance.
- Because it is solvent free epoxy resin system, it takes care of the shrinkage problem.
- This non-shrink nature helps to maintain strong bond with contact surface.

PHYSICAL PROPERTIES: -

Nature	two component liquid
Color	Pale Yellow
Mixing ratio, parts by wt.:	part 1(base) : part 1(hardener)
Pot life at 250C	20 to 25 minutes
Setting time at 250C	8 to 10 hrs

ENGINEERING DATA:-

- Viscosity : 300 + - 50 cps @25c
- Compressive strength N/mm2 : 68 N/mm2
- Flexural strength N/mm2 : 56 N/mm2
- Tensile strength N/mm2 : 30 N/mm2
- Young modulus, N/mm2 : 16 N/mm2

APPLICATION AREAS: -

- Can be applied in crack injection and for filling cold joints.
- For filling base plates and bolt pockets with gaps less than 10mm.
- It is an ideal product for repairs, rehabilitation of structure showing hair line cracks (Rehabilitate cracked load bearing elements of bridges, girders, columns, beams etc.)
- To fill up cracks in roof slabs and other areas to make them waterproof.

DIRECTION FOR USE:-

- All the cracks where the grouting has to be done are identified.
- Nipples are inserted into the cracks after drilling holes at regular intervals.
- Fix the nozzle with epoxy adhesive. Seal the cracks with epoxy adhesive.
- Through the nozzles using a low pressure injection grouting system VCOBOND EPPL - 5990 injected.
- All care should be taken to see that the mixed material is injected well before the given pot life.
- **MIXING**-part 1 and part 2 thoroughly and homogeneously.

CLEAN UP:-

Remove as much product from application equipment as possible before washing with solvent. Do not empty into drains or watercourses

PACKING SIZE:-

VCOBOND EPPL- 5990 PART A – 1lit & 10 lit.
VCOBOND EPPL- 5990 PART B – 1lit & 10 lit.

STORAGE & SHELF LIFE:-

6 months if sealed packing and if stored in cool dry place in shaded area.

PRECAUTION: -

While working with VCOBOND materials safety goggles, gloves and safety cloths should be worn at all times. Also observe container labels and instructions in VCOBOND catalog. In case one of component comes in contact with skin wash thoroughly with soap and water adequate ventilation in volume and pattern should be provided in working area. Further precaution emergency showers and eye wash stations.

LEGAL NOTES:-

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