DESCRIPTION
A solvent free 2 part epoxy resin thixotropic patching mortar consisting of a resin and hardener containing especially selected fillers. On mixing a multifunctional epoxy adhesive & repair mortar is produced.

USES & ADVANTAGES
Condur 41 is an easy to apply epoxy mortar with medium size fillers allowing for various uses, these include: - repair of precast elements, finishing of I beam ends, repairing damaged concrete edges, providing an abrasion resistant lining, vertical & overhead repairs, also use as an adhesive.
Advantages include:
• Easy to apply to precast elements & edges of concrete.
• Good build.
• Excellent adhesion.
• Abrasion & impact resistance.
• Excellent strengths.
• Suitable for both dry & damp surfaces.
• Unaffected by high humidity.
• Coloured components to ensure good mixing.
• Good chemical resistance.

PROPERTIES
Density: Approx. 1.9-2.1 kg/litre
Mixing ratio: Part A : B = 2 : 1 by weight
Part A : B = 2 : 1 by volume
Pot Life: Temperature ºC 6 kg set
40 30-40 min.
30 60 min.
20 90 min.
Note: To obtain maximum pot life, spread Condur 41 into a thin (less than 10 mm.) layer immediately after mixing.
Compressive strength: 60-64 N/mm² @1 day
ASTM D695
70-75 N/mm² @7 days
78-82 N/mm² @28 days
Flexural strength: 25-35 N/mm² @ 28 days
Bond Strength: >13 N/mm² at 28 days
ASTM C882
Setting Time: Approx. 3 hrs @25ºC
@15mm thickness
Data quoted is typical for this product and does not constitute a specification.
Note: To obtain performance characteristics stated in this data sheet, the mixing ratio must be maintained.

SURFACE PREPARATION
All grease, oil, chemical contamination, dust, laitance and loose concrete must be removed by scabbling or light bush hammering to provide a sound substrate. Concrete must be at least 14 days old prior to treatment. Steel surfaces should be grit blasted to white metal. Surfaces which show any traces of oil must be degreased with a chemical degreaser prior to grit blasting.

PRIMING
Surfaces to receive Condur 41 should be well primed with Condur EA2 first.

MIXING
Care should be taken to ensure that Condur 41 is mixed thoroughly. The hardener and the resin components should first be stirred separately to disperse any settlement. The entire contents of the hardener tin should then be poured into the resin tin and the two components mixed thoroughly using a low-speed drill and paddle for at least 2 minutes until a uniform colour is obtained.

APPLICATION
Apply the mixed Condur 41 with a notched trowel, putty knife, caulk gun, etc. depending upon the application. Bonded surfaces should be held rigidly together until the Condur 41 has set.

COVERAGE RATES
Approx. 2 kgs/m²/mm thickness.

CLEANING
Clean all tools immediately after use with thinner.

PACKAGING
6 kg set (A+B).

STORAGE & SHELF LIFE
Condur 41 has a shelf life of 12 months when stored in a dry place below 35ºC in unopened containers.

HEALTH & SAFETY
Prolonged and repeated skin contact with epoxy resins and curing agents may cause dermatitis in persons sensitive to these products. Gloves, barrier creams, protective clothing and eye protection should be worn when handling these products.
If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do NOT induce vomiting-give a glass of water. If in eyes, hold eyes open, flood with water for at least 15 minutes. If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

TECHNICAL SERVICE
The Cormix International Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

QUALITY ASSURANCE

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