

Condur® EF**LIGHT WEIGHT 3 COMPONENT FINE EPOXY REPAIR MORTAR****DESCRIPTION**

A solvent free, 3 component, thixotropic repair mortar which when mixed produces a trowelable mortar with good adhesion to cement bound surfaces. Easy to use multi-purpose repair material and adhesive.

USES & ADVANTAGES

Condur EF can be filled to the desired consistency by the addition or reduction of Part C. This provides more flexibility in the products application. It can be used for vertical or overhead filling of voids, as a repair mortar and protective linings to concrete.

Advantages include:-

- Rapid hardening.
- Unaffected by high humidity.
- Use on both damp or dry surfaces.
- Excellent adhesion to concrete.
- Shrinkage free hardening.
- Chemical resistance.
- Abrasion & impact resistance.

PROPERTIES

Appearance: Grey (A: Transparent, B: Transparent, C: Grey)

Density: Approx. 1.49 kg/litre

Mixing Ratio: Mix A + B and add C for the desired consistency

Pot life:	Temp °C	10 kg.
	40	20 mins.
	30	30 mins.
	20	60 mins.

Compressive strength: 40 - 60 N/mm²

Flexural strength: 20 - 30 N/mm²

Bond strength to concrete: ≥ 2 N/mm²
(Concrete failure)

Note : Characteristics of mixed product will depend on mixing ratio used. Part A + B must be mixed thoroughly for a minimum of 2 minutes prior to addition of Part C.

SUBSTRATE PREPARATION

Surface preparation is important. All surfaces should be dry, clean, free from standing water, grease and all loose particles. Cement laitance should be removed by mechanical means.

PRIMING

For adhesion of heavily filled mortars etc. the surfaces to be treated should be primed by mixing A & B in the packed ratio. Apply with a stiff brush, work in well. Priming is not required on small repairs except on damp surfaces.

MIXING

Mix component A and B thoroughly with a slow speed drill for a minimum of 2 minutes (Max 400 R.P.M.). Then add Component C for the desired consistency and mix until a homogeneous mortar is achieved.

APPLICATION

Whilst the primer is still tacky spread the material and trowel firmly into place.

IMPORTANT NOTES / SPECIFICATION CLAUSES

Condur EF may be applied in layers up to a maximum thickness of 5 cm. per layer (2 cm. for large areas). The minimum age of concrete should be 3-6 weeks depending on the climate.

Minimum substrate temperature = 5°C

Maximum substrate temperature = 40°C

When priming **Condur EF** from premeasured packs take a maximum of 10% for primer.

CONSUMPTION

Approx. 1.49 kg. per m² at 1 mm. thick.

CLEANING

Clean all tools and equipment immediately with Cormix Cleaner.

PACKAGING

A : B : C 10 kg. premeasured sets or larger packaging upon request.

STORAGE & SHELF LIFE

Store in dry conditions between 5°C - 40°C. The shelf life is 12 months when unopened and stored correctly.

HEALTH & SAFETY

Avoid contact with skin and eyes and avoid breathing vapour. Use only in well ventilated areas away from heat, sparks or naked flame. Wear suitable protective clothing, gloves and eye protection when mixing or using. 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, flush with water for at least 15 minutes and see a doctor. If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.

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

ISO 9001 : 2015 verified by TUV Nord.
ISO 14001 : 2015 verified by Lloyd's Register International.

DISCLAIMER

Performance data is achieved testing in accordance with International Standards. Testing by others may result in different results from those published as a result of external factors such as poor sampling, incorrect mixing, varying temperatures, curing, crushing procedures etc.

Cormix does not take responsibility nor need to defend others testing that does not achieve the published data.

The user must test the products suitability for the intended application and purpose. Cormix reserves the right to change the properties of the product.

Site conditions and differences in materials are such that no warranty or fitness for a particular purpose, nor liability can be inferred from the published data sheet, written recommendations or from other advice offered

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