GENERAL Water-based Epoxy Primer (GREY)

FIRST COAT

3 PAGES

Recoat time: **2-4** hrs **5** hrs [covers: ± **9m²**].

Use a measuring jug, scale or measuring stick

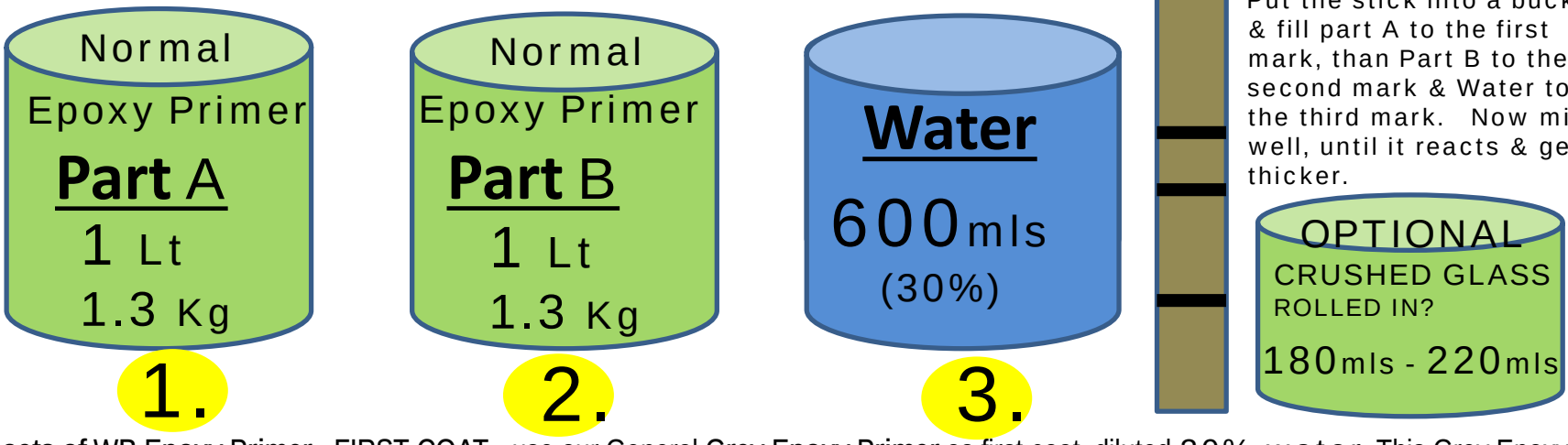
Multiply this by how much you need.

Also used for Repairs.

AA Specialised Solutions

Buckets with ORANGE Label

Mix Ratio- 1:1



Take a stick & put 3 marks. Put the stick into a bucket & fill part A to the first mark, than Part B to the second mark & Water to the third mark. Now mix well, until it reacts & gets thicker.

Apply 2 coats of WB Epoxy Primer. FIRST COAT - use our General Grey Epoxy Primer as first coat, diluted 30% water. This Grey Epoxy Primer must always have a top coat because it's designed as a primer only. Apply at a coverage rate of 4.5m² /Lt. Mix with an impeller on a drill machine for a few minutes. (First it looks thin but keep mixing until it looks creamy. VITAL – for porous concrete, LIGHTLY damp surface as you go, so water pulls Epoxy Primer down into the concrete, to grip it (first coat only). For anti-slip & strength, lightly broadcast OR roll crushed glass into this first coat of Grey Epoxy Primer. Make sure to broadcast enough crushed glass & back-roll with a generous amount of Epoxy Primer & you won't need crushed glass in subsequent coats, yet still get anti-slip (depending on size of crushed glass you roll into 1st coat of Grey Epoxy Primer).

SECOND COAT - if you are flaking or applying any other type of Top Coat- apply our Tinted WB Epoxy PRIMER (next pages). If you aren't flaking & want an economical system, rather apply our Tinted WB Epoxy COATING as second coat. Outdoors - Epoxy Primer is not UV stable so always needs to be coated with TINTED Acrylic or Polyurethane - so UV rays can't radiate through..

- Grey Epoxy Primer is excellent for concrete repair - Refer to Repair Mix ratio.

Tips: Make sure to only mix an amount you can roll (especially in summer), before Grey Epoxy Primer starts to set. 3Lt Part A + 3Lt Part B + 1.8Lt Water, is a nice amount. If Epoxy Primer starts rolling strangely - epoxy is beginning to set, & will delaminate later, so you must stop & mix a new lot.

- In summer, Epoxy Primer sets on your roller, so each time you make a new batch, scrape off old Epoxy Primer into bucket of newly mixed primer, then rub roller sleeve with water, so your roller lasts. These are all only suggestions for you to test.

Water-based TINTED Epoxy Primer

SECOND COAT

Recoat time: **2-4** hrs **5** hrs

[covers: ± **9m²**].

Green Label

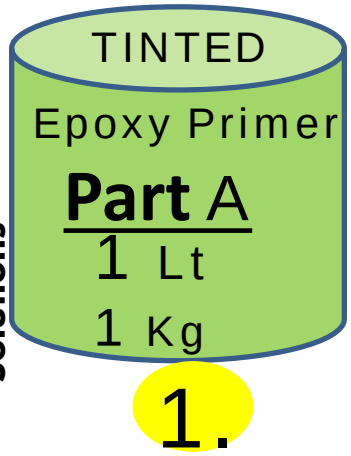
Use a measuring jug OR scale or measuring stick – from us

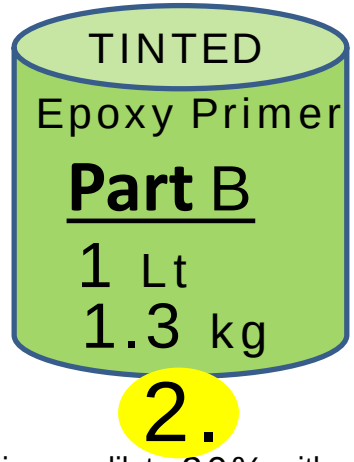
Multiply this by how much you need.

Second Coat Only

Mix Ratio- 1:1 Tinted

AA Specialised Solutions





Every time you start a new kit of Tinted Epoxy Primer, open bucket of Part A (7.2 Lts) & throw the 1.8 Lt TINT into it, to make (9Lt Part A) then mix well.

Take a stick & put 2 marks. Put the stick into a bucket & fill TINTED part A to the first mark, than Part B to the second mark. Now mix well.

TINTED Epoxy Primer - First coat – use normal GREY Epoxy Primer - dilute 30% with water (different mix ratio on previous page). Second coat – TINTED Epoxy Primer - do not dilute with water. (If you add water you can get an uneven Matt/Gloss & patchy finish. The Kit is 18Lts - [Part A is 9Lts (7.2Lt in main bucket + 1.8Lt Tint in separate bucket to be mixed into Part A, each time you start a new kit). Part B is 9Lts]. Apply at coverage of 4.5 – 5 m² /Lt. We supply Tint separately because it's difficult to estimate how many kits you need in that colour. Mix with an impeller on a drill machine for a few minutes. If you aren't flaking & want an economical system, rather apply our Tinted WB Epoxy COATING as second coat. ● Epoxy Primer is not UV stable, so outdoors, use TINTED Acrylic or Polyurethane to block UV rays shining through. Epoxy can slowly yellow if direct sunlight filters in.

● You can FLAKE into this second coat of Tinted Epoxy Primer. For large rooms, roll width of room x 1m wide sections & throw flakes while still wet before moving on. If you make a mistake with the flakes - while still wet, roll over bad areas & carefully throw some flakes there. ● Crushed glass – you can roll crushed glass into both coats of Epoxy Primer, but as the tinted coat has no water dilution, test first & roll much less crushed glass into it. Tips:- Make sure to only mix an amount you can roll (especially in summer), before Epoxy Primer starts to set. If Epoxy Primer starts rolling strangely, it means epoxy is beginning to set & will delaminate later, so you must stop & mix a new lot. ● In summer, Epoxy Primer sets on your roller, so each time you make a new batch, scrape off old Epoxy Primer into bucket of newly mixed primer, so your roller lasts. These are all only suggestions for you to test.

Water-based CLEAR Epoxy Primer

CLEAR FIRST & SECOND COAT

Recoat time: **2-4** hrs **5** hrs [covers: ± **18m²**].

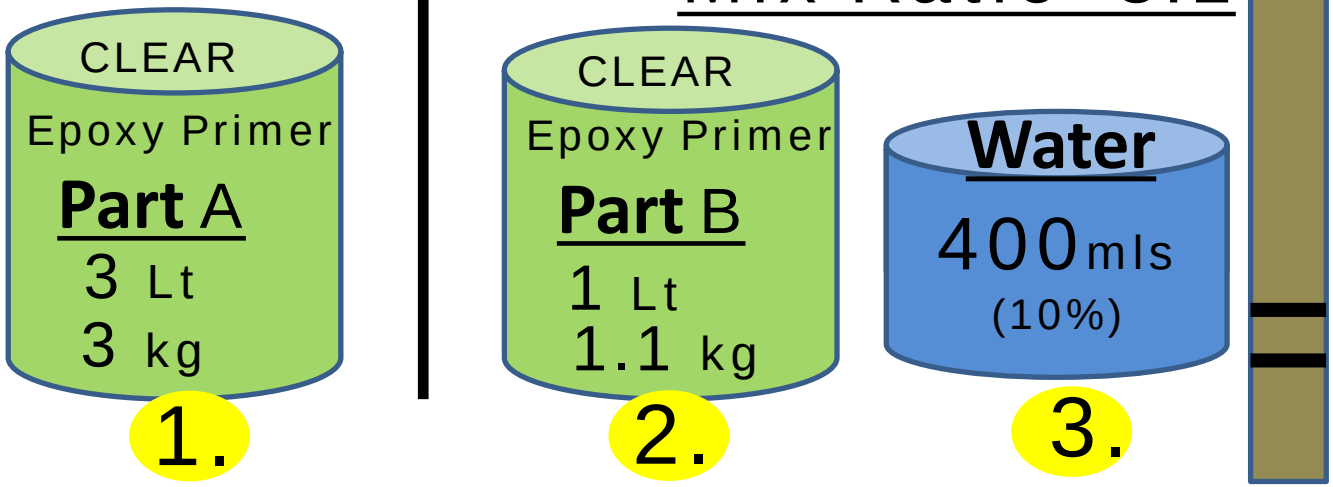
Blue LABEL

Use a measuring jug OR scale or measuring stick

Multiply this by how much you need.

Mix Ratio- 3:1

AA Specialised Solutions



Take a stick & put 2 marks. Put the stick into a 5Lt bucket & fill part A to the first mark, than Part B to the second mark. It helps to keep a 1Lt Jug in bucket of part B & go higher than the 1Lt mark to account for what stays in the jug when you pour out. Now mix well.

First coat – mechanically grind concrete so it is porous. Mix Ratio 3 Lt Part A + 1Lt Part B + 400mls (10%) water. Apply at coverage of 5 – 6 m² /Lt. Our **Clear** Epoxy Primer is light yellow in colour, so if applied **too thick** or over white concrete, you may see a yellow haze. Test first.

Second coat – Same mix ratio & coverage of 5 – 6 m² /Lt. If the concrete isn't very porous, do not dilute the second coat with water. Apply the second coat as a thin coat that's only enough to soak in & seal. A slight yellow haze is more possible with this second coat, so to ensure it isn't applied too thick, roll from a paint tray. We can supply paint trays for 460mm wide rollers. Roll only thick enough until it has soaked the concrete & no more. Once this has completely dried, apply our **CLEAR 100% Epoxy Top Coat**, as the coating, which can be applied thick or thin & be crystal clear. If you haven't soaked the concrete with WB Clear Epoxy primer, so all the air pockets in the concrete are filled, when you apply 100% Epoxy Top Coat, these air pockets can rise up & form air bubbles as the 100% epoxy heats up when it cures.

In cold temperatures, you may get a white haze in the WB Epoxy Primer, because the water couldn't evaporate before the Epoxy cured. Mix with an impeller on a drill machine for a few minutes. ● Epoxy Primer is not UV stable – so never use clear epoxy outdoors. Epoxy slowly yellows if direct sun filters into the room. Outdoors rather use Acrylic or Polyurethane sealers. ● You can FLAKE into the second coat of Clear Epoxy Primer. Roll width of room x 1m wide sections & throw flakes while still wet, before moving on. ● Crushed glass – most crushed glass is visible so use the clearest possible crushed glass. Tips:- Make sure to only mix an amount you can roll (especially in summer), before Epoxy Primer starts to set. If Epoxy Primer starts rolling strangely, it means epoxy is beginning to set, you must stop & mix a new lot. ● In summer, Epoxy Primer sets on your roller, so each time you make a new batch, scrape off old Epoxy Primer & immediately wet it with the newly mixed primer. These are all only suggestions for you to test.