

# GFRC Concrete Worktop Premix Kit Instructions

## HOW TO CREATE A SELF-COMPACTING MIX

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## Equipment Required

1. Forced Action Mixer or Paddle Mixer
2. Suitably sized mixing vessel (1.5 to 2 times the mix size)
3. PPE Listed below
4. Bucket trowel or similar
5. Clean bucket to weigh out water

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## Personal Protective Equipment

The following Personal Protective Equipment is advised during the mixing and use of the Premix Kit;

- a. Gloves or Nitrile Gauntlets
- b. Eye Protection (goggles or glasses)
- c. Disposable Overalls
- d. FFP3 Dust Mask

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## Mixing Instructions

1. Empty the contents of the bucket into your mixer/mixing vessel. **DO NOT ADD THE FIBRES**
2. Weigh out 3.375Kg or 3.375 litres of water
3. Mix the dry powered ingredients without adding the water. **DO THIS ON A SLOW SETTING** to reduce dust dispersion. Mix for 2 minutes.
4. Add approximately 3/4 of the water
5. Mix for 15 minutes
6. After 15 minutes of mixing check the consistency of the mix. Signs that the mix is ready are as follows;
  - A. Air is bubbling up through the mix and bubbles are popping at the surface
  - B. When a trowel is run through the mix, the mix self-levels and closes up within seconds
7. Add more water in small quantities as necessary until the desired consistency is reached.
8. Add the fibres and mix on a slow speed setting for as little time as necessary to ensure they are dispersed evenly throughout the mix.