

1. Use calibrated weighting equipment with accuracy of $\pm 2\%$ when batching dry ingredients.
 2. Use automatic liquid dispenser when measuring liquid volume
 3. Mix cementitious slurry in a high shear mixer in according with the manufacturers instruction
- B. Batching and mixing GRC by premix vibration
1. Use calibrated weighting equipment with accuracy of $\pm 2\%$ when batching dry ingredients.
 2. Provide suitable equipment for manufacturing the premix GRC.
 3. Perform the GRC premix mix in two stages:
 - a. Mix the cementitious slurry at a high speed in an intensive shear mixer.
 - b. Transfer the slurry to a second mixer or the mixing action of the intensive shear mixer is adapted so that the glass fiber is blended uniformly into the slurry.
 - c. Add the glass fiber manually as chopped fiber or automatically by the use of glass fiber roving and a fiber chopper.

8.3.2 Panel Fabrication

- A. Use rigid molds, constructed to maintain uniform panel shape, size and finish.
- B. Direct spray method:
1. Spray-up concrete mix in multiple passes; maintain consistent quality during manufacture.
 - a. Use calibrated specialist equipment. Allow simultaneous deposit of the cementitious slurry and chopped glass fiber.
 - b. Spray the mix in thin layers of 3 to 4 mm until the required thickness is achieved.
 - c. Compact each sprayed GRC layer by hand roller prior to spraying the next layer.
 - d. Check the thickness of the GRC using a template or a depth gauge and compare with the design thickness. Do not deviate from the design thickness
 - e. Do not allow the thickness to exceed the design thickness by 4 mm in flat