

Gi Gi Sealer Information

1 Product Description

Gi Gi Sealer is a two component hybrid water based sealer for use on concrete worktops, bartops, countertops, floors, furniture, fireplace surrounds etc.

It is:

- ✓ Easy to apply
- ✓ Excellent stain, acid, and scratch resistance
- ✓ Easy to field repair if damaged
- ✓ Deeply penetrates concrete surfaces

2 Equipment Required

Equipment For Mixing

- electric mixer preferably with a stand
- container for mixing
- 2 x 100ml plastic syringes
- kettle
- plastic spatula
- thermometer (optional)

Equipment For Application of Sealer

- High density foam rollers
- Foam roller & frame
- Kitchen towel
- Container for draining excess material

3 Coverage & Water Ratios

The Following table gives the quantities of Part A, Part B and water required to seal 1m² of concrete polished to 200Grit.

Coat	Part A (ml)	Part B (ml)	Water (ml)	Total Volume (ml)
1	9	5	96	110
2	9	4	77	90
3	7	3	50	60
4	6	3	39	48

Alternatively to calculate the amount of each constituent for each coat please use the formula below, where Z is the area in m²;

Coat	Part A (ml)	Part B (ml)	Water (ml)
1	Z x 9	Z x 5	Z x 96
2	Z x 9	Z x 4	Z x 77
3	Z X 7	Z x 3	Z x 50
4	Z X 6	Z x 3	Z x 38

Notes:

- When mixing quantities less than 50ml total it is very important to be accurate to the ml with the measurements. Small amounts can be very affected by a slight variation.
- Workshop temperature (or at least the area that the piece is located) should be 15°C or higher up to 29°C. For temperatures above 29°C increase the water volume by 10% for each coat. If you use a radiant heater to warm your concrete allow the concrete to cool below 29°C and make sure the temperature of the concrete is dropping when applying the Gi Gi Sealer. This is especially important with the first and second coat.

2 Mixing Instructions

1. Mix the Part A by shaking for 2 minutes in the container.
2. Measure out Part A using one syringe.
3. Pour into Part A into the mixing vessel and mix mechanically for 2 minutes.
4. Measure out Part B using the other syringe. **DO NOT USE THE SYRINGE USED FOR PART A.**
5. Add Part B into to the mixing vessel containing Part A.
6. Mix Parts A and B together for a minimum of 3 minutes with the electric mixer.
7. After 3 minutes let the material sit for 5 minutes
8. Measure out the water into a separate container and pour half the water required into the kettle and boil.
9. Once boiled pour this into the container with the remaining un-boiled (cold) water. The temperature should be approximately 50°C.
10. Add the water to the now rested Part A/B mixture and mix for 2 minutes.
11. Let the final mixture sit for 5 minutes and then apply using a high density foam roller.

3 Application Instructions

1. Using a high-density foam roller apply the sealer liberally to the surface of the concrete. The surface should be flooded.
2. Keep wet for up to 10 minutes or until the concrete stops absorbing sealer.
3. Ring out the foam roller to remove excess material and keep rolling until the majority of the sealer has been removed and the roller marks have mostly disappeared. The thinner the coat the better the scratch resistance.
4. Let the sealer dry to the touch.
5. When you can rub it with your finger and not leave a mark, it is ready for the next coat. This generally takes about an hour at 24°C and about 2 to 3 hours at 15°C.
6. Use 600grit sandpaper to remove any dust particles which may have settled onto the sealer in between coats.

4 Cure Times

- ✓ The sealer will have excellent blush resistance in 3 days.
- ✓ The sealer requires 7 days to have excellent scratch, acid, and stain protection.
- ✓ The sealer will continue to build hardness up to full cure at 30 days.
- ✓ During the first 30 days care should be taken not to leave anything on the concrete which may stain or etch the sealer.

5 Repairing The Sealer

- ✓ Small scratches can be spot repaired by filling the scratch with sealer and wiping off excess.
- ✓ The sealer can be re-coated by sanding the tops with 200 to 400 grit sand paper and sealing with an additional coat of sealer.