



# Application Guidelines Powercrete@ Spray Equipment Part A and Part B Ratio Checks

1. Warm part A and part B to spray temperature.
2. Take ratio check at the end of hose bundle, with valves for A and B line.
3. Use a 1000 ML beaker for Part A, mark 1A, 2A, and 3A. Use a 250 ML beaker for Part B, mark 1B, 2B, and 3B. Mark the weight of tare on the beakers, and arrange the beakers pair by pair next to each other in two parallel lines.
4. Turn on King Pump to low-pressure 20 psi ±.
5. Set A valve on A beaker and B valve on B beaker, open the valves and let materials flow smoothly.
6. Partially close the valves to achieve equal or close pressure on both A and B.
7. When the pressure is quite close, listen to the King Pump's up and down stroke sound.
8. Collect Part A and Part B at the same time into the tared and graduated beakers with the help of the sound which pops when the king motor changes direction (up/down).
9. Count one for the next sound.
10. Collect 8 or 10 sounds, even sounds.
11. Weigh material and mark the weight, mark the volume in millimeters.
12. The ratio to be obtained:

### A:By Weight

Powercrete:  $\frac{\text{Weight of B}=0.055 \pm 0.002}{\text{Weight of A}}$

Powercrete "J":  $\frac{\text{Weight of "J" B}=0.112 \pm 0.002}{\text{Weight of "J" A}}$

Powercrete "J" Fast Cure:  $\frac{\text{Weight of "J" Fast Cure B}=0.152 \pm 0.002}{\text{Weight of "J" Fast Cure A}}$

Powercrete "J" Flex:  $\frac{\text{Weight of "J" Flex Part B}=0.148}{\text{Weight of "J" Flex A}}$

### B:By Volume

Powercrete:  $\frac{\text{Volume of A in ML}}{\text{Volume of B in ML}} = 9.75$

Powercrete "J":  $\frac{\text{Volume of A}}{\text{Volume of B}} = 4.80$

Powercrete "J" Fast Cure:  $\frac{\text{Volume of A}}{\text{Volume of B}} = 4.0$

Powercrete "J" Flex:  $\frac{\text{Volume of A}}{\text{Volume of B}} = 4.15$

**NOTE:** Weight ratio is much more accurate than volume ratio.

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