



Vital Chemical Pty Ltd

Mixing Methodology for Vital Polymers



- 1 Check equipment is serviceable & tank is clean - no residue (oil etc)
- 2 Calculate quantity of product required (1 litre of dilution per m²)
- 3 Fill holding tank to approximately 10% of total quantity of mixed product required
- 4 Add polymer at the correct concentration rate for the application:

Water Tank Chart										
Litres of water or tank capacity										
Ltrs/m ²	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000
3%	30	60	90	120	150	180	210	240	270	300
5%	50	100	150	200	250	300	350	400	450	500
10%	100	200	300	400	500	600	700	800	900	1000
20%	200	400	600	800	1000	1200	1400	1600	1800	2000
30%	300	600	900	1200	1500	1800	2100	2400	2700	3000
40%	400	800	1200	1600	2000	2400	2800	3200	3600	4000
50%	500	1000	1500	2000	2500	3000	3500	4000	4500	5000

Note: 1ltr diluted = 1m²

Standard dilution is 10%

*Quantity of copolymer required

- 5 Continue to fill the tank with clean water to full capacity or required quantity needed
- 6 Allow pump to recirculate to continue mixing (or stop/start watercart to mix manually)
- 7 Apply at 1 litre of diluted polymer per square metre (m²) see photographs overleaf
- 8 If applying multiple applications to the same area, ensure that the product is still wet during re-applications and has not started to cure
- 9 Allow solution to dry - once cured (4 to 6 hours) polymers will not remobilise

Other points to consider:

- Check with your local council in relation to permitted or consented use of any soil stabiliser or dust suppressant before use
- Do not apply polymer products within 6 hours of expected rainfall
- Do not apply any polymer products directly to a water course, surface water or an active stormwater drain
- In the event of any spill, stop the source (turn off pump/valve etc), contain using spill kit or other available material (soil), prevent product entering surface water or stormwater, clean up excess material & hose down – if required.
- For more information go to www.bpg.co.nz / <http://www.bpg.co.nz/spill-management.html>

For Prebble Seeds orders and enquiries call 0800 28 0028

Email: info@prebbleseeds.co.nz



Example Application Photographs – 1 litre per m²



(Vital Bon-Matt HR)



(Vital Bon-Matt Stonewall (natural))



(Vital Bon-Matt Stonewall (green))

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