



AntiFlush Seal

Handling + application methodology

Do Nots:



1. Don't heat to above 60°C

> It degrades the product quality

2. Don't pump under 40°C

- > It breaks the polymer
- > Creates blockages
- > Degrades the product quality

Dos:



1. Maintain handling temperature at 50°C - 55°C

2. Ensure temperature for pumping is 40°C - 55°C

2. Ensure temperature for spraying is 50°C - 55°C

Ideal storage conditions for AntiFlush Seal:

Storage	Short term	Medium/Long term
Duration	< 48hr	> 48hr
Temperature	50°C - 55°C	25°C
Agitation (stirrer)	Not required	None
Recirculation (pump)	15 min. prior to use	None

Application Methodology: Sandwich seal G4/G6

- Condition AntiFlush Seal at 50-55°C, no agitation required
- 15min before spraying: recirculate the emulsion
- Start on the first lane
- Dry chip the flushed sections with G4 (i.e. build the anchor for AntiFlush Seal)
- Apply AntiFlush Seal at 2L/m² at a flow rate of 15L/min
- Spread the G6 on top as early as possible
- Let settle for 20min
- 20min after application: start rolling with only 20% of water, keep rolling for 20min
- 40min after application: check that rolling without water added does not damage the new seal, continue rolling without water for another 20min
- 1-2hr after application: check the seal cohesion (i.e. by a stop/start test with ute), if it passes the test, then
- 1-2hr after application: spread a G6 running course as protective layer before reopening to traffic
- Reopen the lane to traffic at reduced speed
- Confirm that the traffic does not damage the new seal
- Repeat for the second lane.

Plant aftercare

- Empty and flush the sprayer as soon as possible after the application of AntiFlush Seal
- Ensure all the product is sprayed out, and none remains in the tank below safe minimum heating level. Transfer into IBCs if required.
- Flush tank, spray bar, hand lance and pump thoroughly with standard emulsion within 24 hours of use to avoid build up, and ensure equipment does not have any blockages.

Need more information?

At Road Science, we're committed to providing innovative solutions backed by engineering expertise. If you have any questions about this product, need technical guidance, or want to discuss how it fits your specific project needs, our team is here to help. Contact us today for expert advice and tailored support. Contact us via **0800 180 200** or visit our website at **roadscience.co.nz** to learn more.

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