



# InfraBuild ‘Energy-Reducing Process’ Certificate 2023

thinkstep-anz has assessed that InfraBuild met the requirements of the GBCA’s Green Star credit 20.1B “Energy-Reducing Processes in Steel Reinforcement Production”<sup>1</sup>, via their use of Warm Charging<sup>2</sup> and PIT<sup>3</sup>.



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1. Green Building Council of Australia’s Green Star – Design & As Built credit 20.1B ‘Responsible Building Materials: Energy-Reducing Processes in Steel Reinforcement Production’. This is valid for all versions of Design & As Built.
2. A life cycle assessment of InfraBuild’s use of Warm Charging has been completed by thinkstep-anz and subsequently peer-reviewed by start2see Pty Ltd. The Green Building Council of Australia has reviewed this and recognises that Warm Charging is an acceptable method of achieving the GBCA Energy Reducing Process requirement. ( <https://www.gbca.org.au/faqs.asp?action=details&faqId=256> ).
3. A life cycle assessment of the Polymer Injection Technology (PIT) has been completed by the University of New South Wales and PE International (now thinkstep-anz) and subsequently peer-reviewed by Life Cycle Strategies Pty Ltd. The Green Building Council of Australia recognises that PIT is an acceptable method of achieving their Energy Reducing Process requirement.