

Siderise Innovation Centre Summary of Results
Test Number SIC 363



Test Standard; Principles of EN1366-4

Furnace Control: EN1363-1 & 2 utilising the external Time Temperature Curve

Tested James & Taylor Barracuda brickslip system and carrier rails fixed to SFS in horizontal & vertical brick configuration with a void size of 380mm

Material; Siderise RV 90/30 cavity barrier

On 6th November 2025 a Fire Resistance test was carried out on a 1200mm length of Siderise RV 90/30 installed into a James & Taylor Barracuda brickslip system.

Siderise RV 90/30 was installed as per standard installation guidance, complete with three supporting brackets with 10mm compression

The test utilised the principles of EN1366-4, due to the bespoke build up being tested in conjunction with Siderise cavity barriers, with furnace controls temperature and pressure run to EN1363-1 & 2 utilising the external time temperature curve, the test was run for a duration of 90 minutes in totality.

Please find attached relevant data output and summary of test below.

Orientation of Brick	Summary Table	Insulation (min)	Integrity (min)
Vertical	Siderise RV 90/30	32	90
	Stock Frogged Brick	27	90
	Extruded Brick	41	90
	Supporting Rails	5	90
Horizontal	Siderise RV 90/30	28**	90
	Stock Frogged Brick	90	90
	Extruded Brick	90	90
	Supporting Rails	9	92

**One thermocouple on Siderise RV90/30 immediately adjacent to penetrating rail went over 190oC rise, the other 2 thermocouple on the Siderise RV90/30 remained below for the duration of the test/

Note test terminated at 90 minutes (ambient lab temperature 18°C)

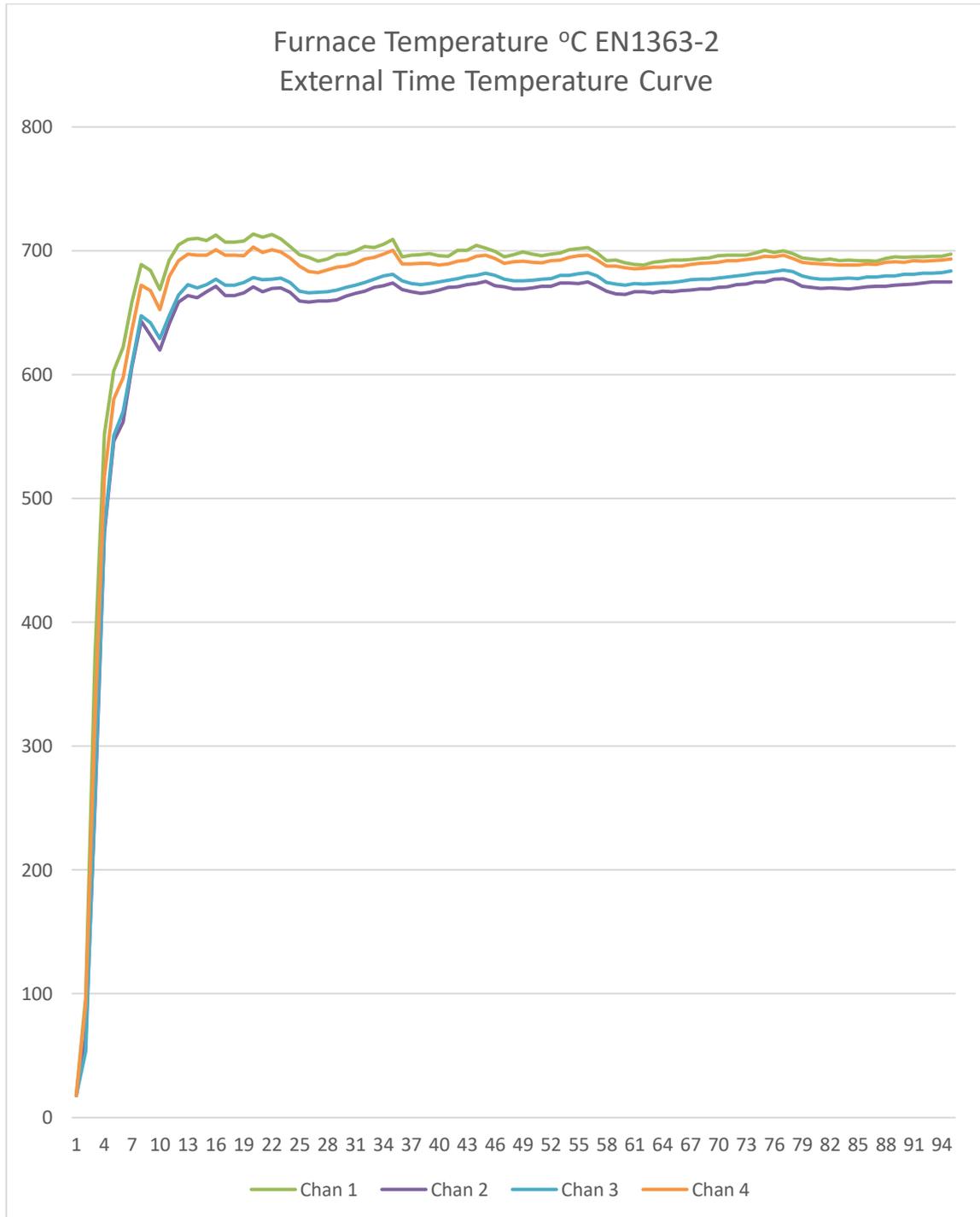
This summary report is whilst following the strict controls of EN1363-1 & 2 utilising the external time temperature curve and general principles of EN1366-4, this is not a UKAS test report.

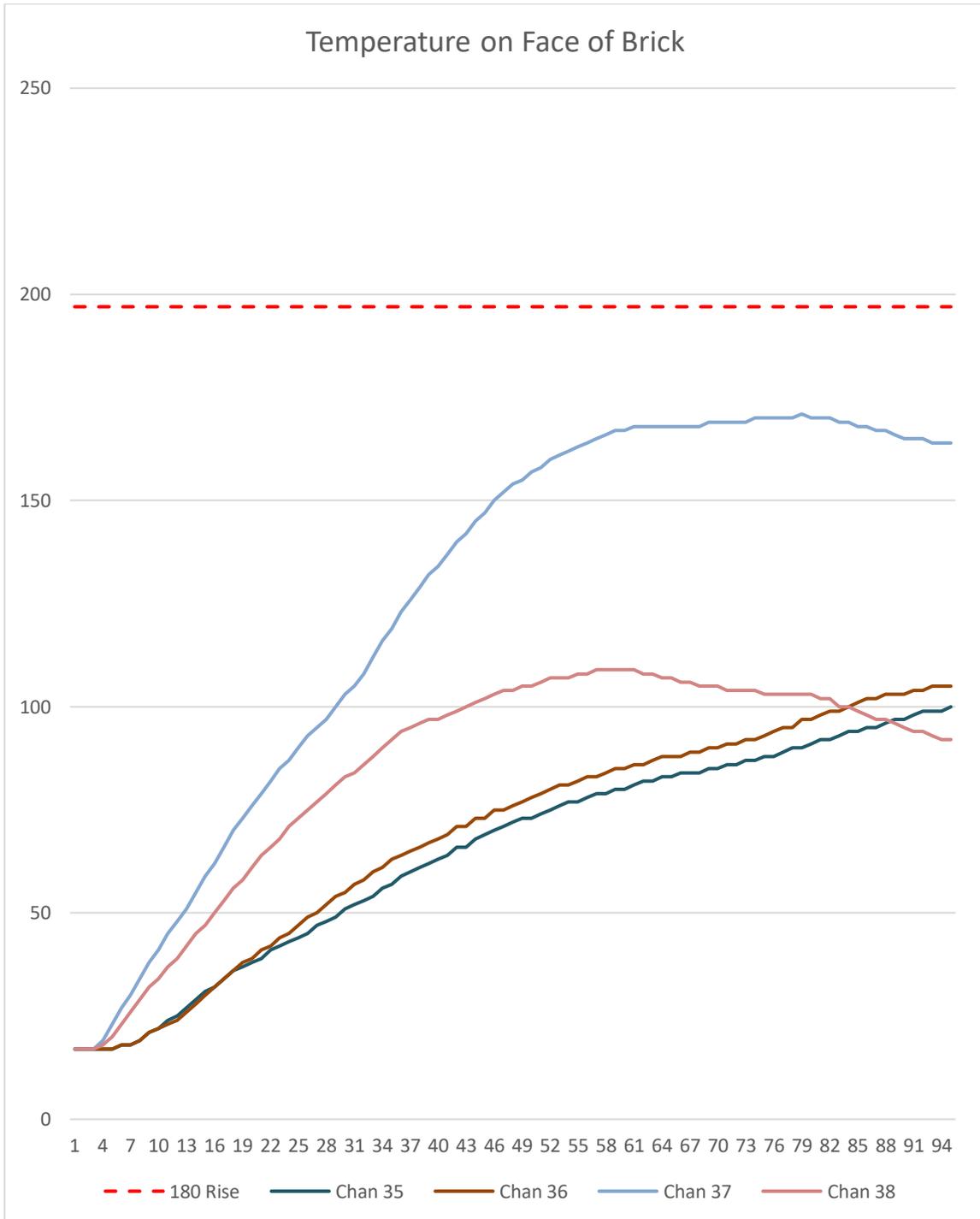
For and behalf of Siderise Insulation Ltd

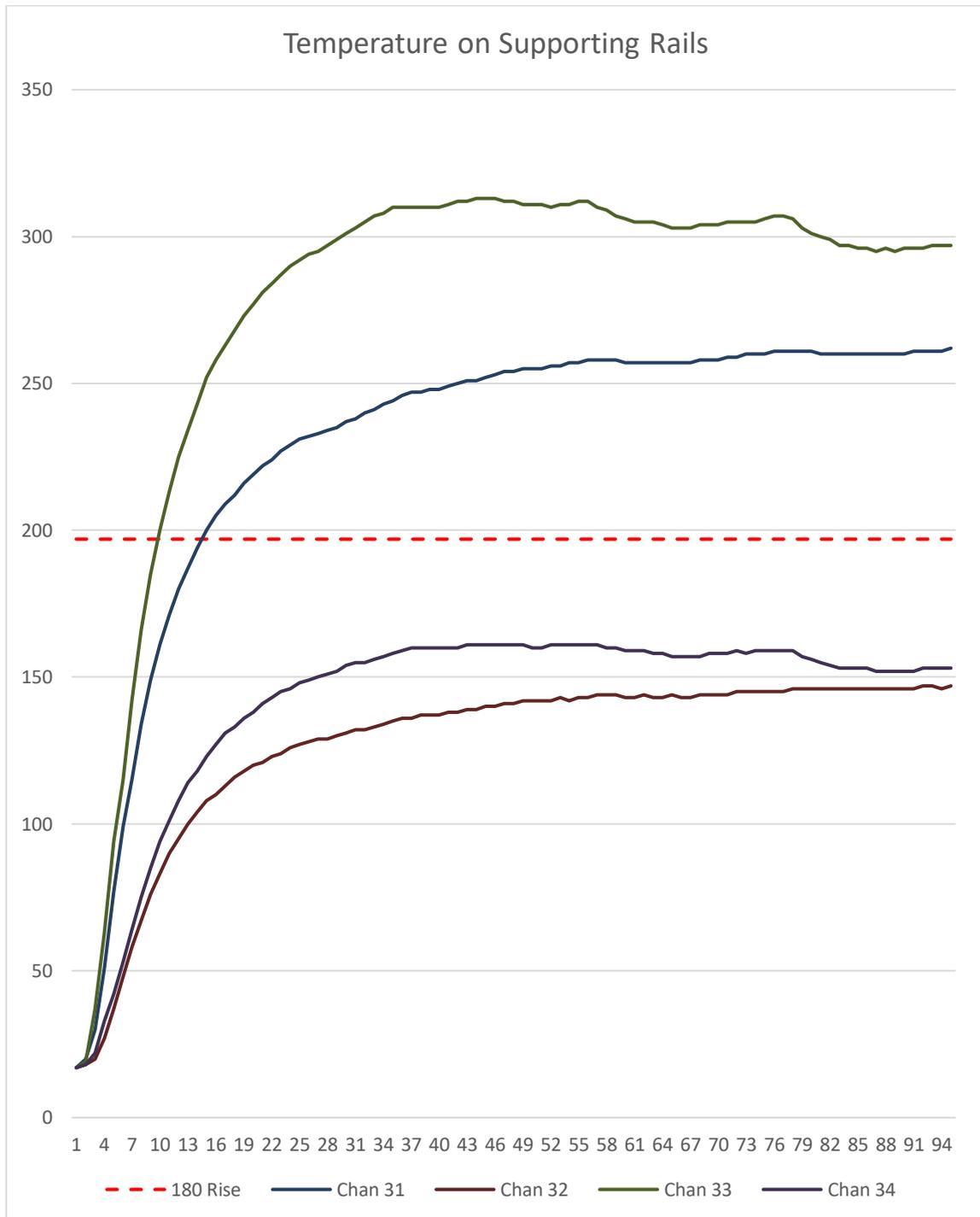
Director of Testing & Project Engineering



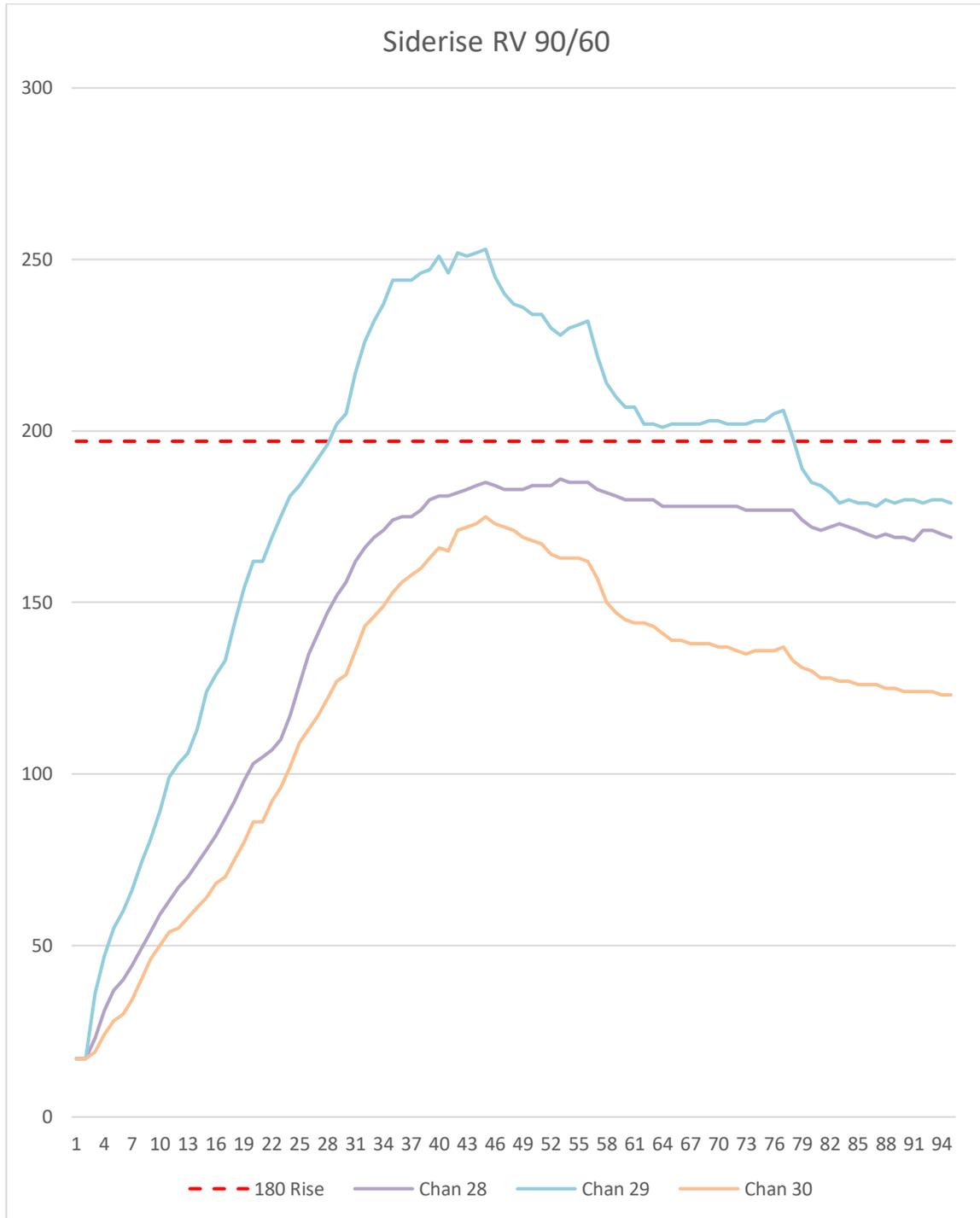
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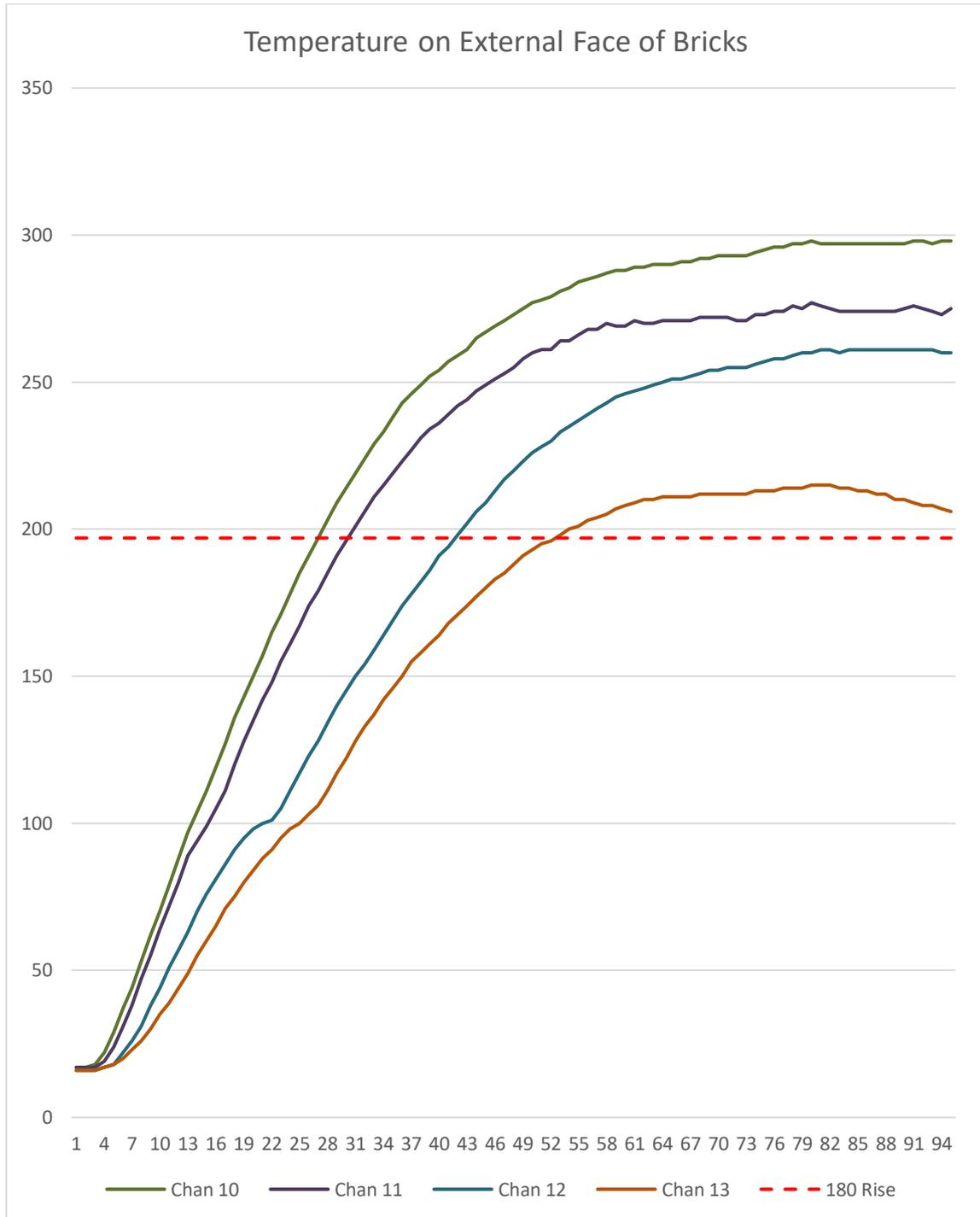


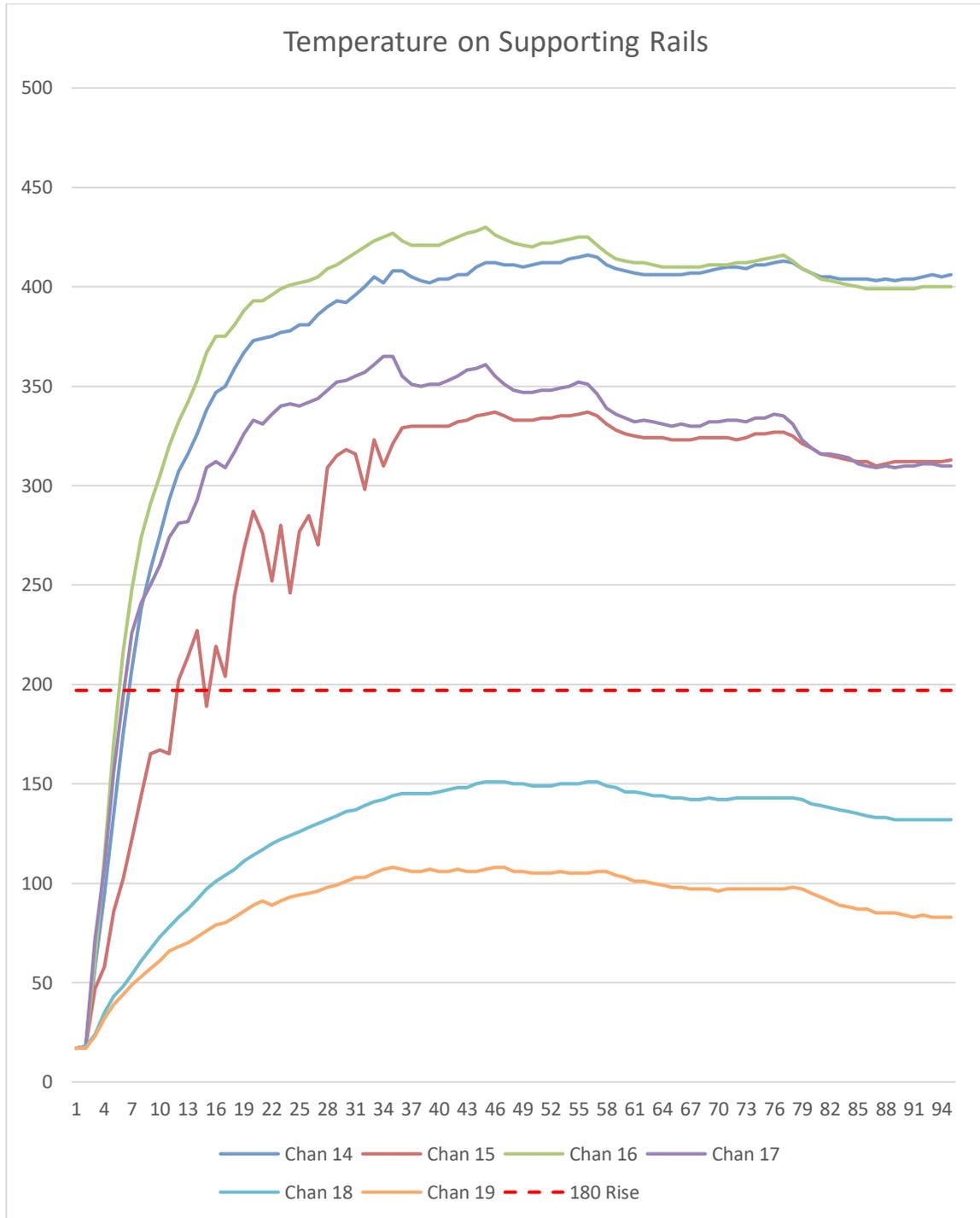




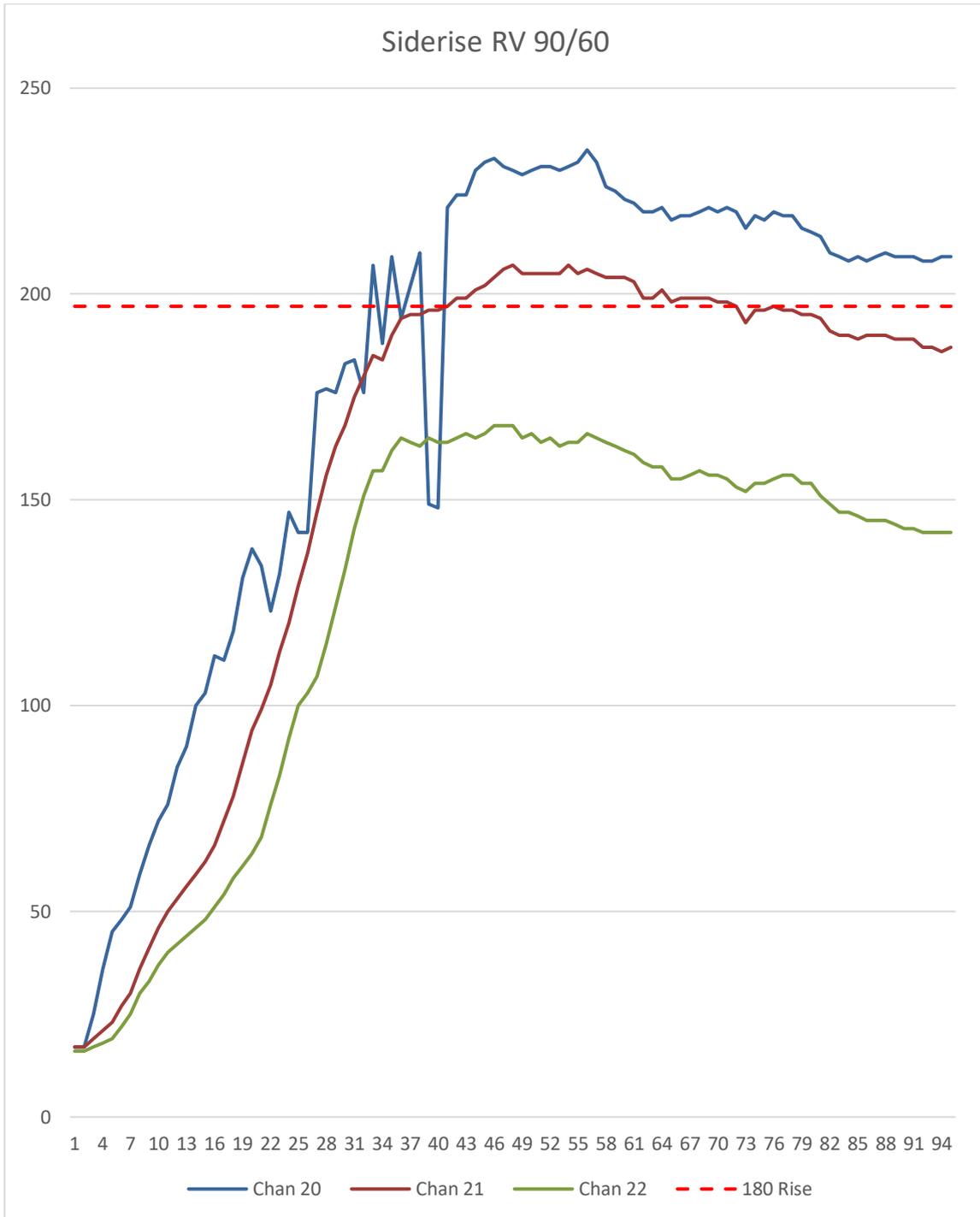
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Pre Test Photographs



Post Test Photographs



