

INT Primary mirror: CO2 cleaning with Aligal 2

	Temp. °C	wavelength of band (nm)							"Dust Indices"						
		365	404	464	522	624	760	970	365	404	464	522	624	760	970
782 28/07/2016 13:46 3 INTM1 all	28.1	88.5	87.3	87.2	87.5	86.6	84.3	90.1	7.7	7.5	7.5	6.0	7.3	6.4	6.5
783 28/07/2016 13:47 3 INTM1 all	28.3	89.0	87.7	87.5	87.9	87.4	84.9	90.9	7.4	7.2	7.1	5.6	5.9	5.0	4.9
784 28/07/2016 13:48 3 INTM1 all	28.4	88.4	87.2	86.9	87.5	86.2	84.2	90.3	8.7	8.3	8.9	6.4	8.6	6.6	6.0
785 28/07/2016 13:50 3 INTM1 all	28.6	87.8	86.8	86.9	87.4	86.6	84.4	90.1	8.8	8.3	8.4	6.1	7.1	5.7	5.9

This is the first cleaning of INT M1 since 28 January 2016, when it was considered safe

global average after CO2 in January	90.2	88.9	88.8	89.3	88.6	86.1	92.1
max.reflectivity loss since January	1.8	1.7	1.9	1.8	2.4	1.9	1.8

Note: This mirror was to have been realuminized in May, so CO2 cleaning was postponed. Since aluminisation did not go ahead, the loss in reflectivity has accumulated. The reflectivity is unlikely to be recovered without a water wash or preferably realuminisation.

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