



46989 Liberty Drive
Wixom, MI 48393
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Inspection Report

DMI Lot: L-8483

Date: Mar 13, 2023

Signature

Metrologist: Rich Oster
Email: roster@dimensionalmeasure.com
Phone: (248) 960-8801

Number of parts: 6
Date Received: Mar 7, 2023
Date Inspected: Mar 9, 2023

Part Name: Tile Sample

Customer: Arcoplast Wall & Ceiling Systems
Address: 106 Crafton Drive
O'Fallon, MO 63366

Contact: Ghislain Beauregard
Phone: (636) 978-7781
Email: ghislain@arcoplast.com

Unit of measurement: μ meters
Location of test: DMI

Gage References

DMI-084 Zeiss 1500SD3 Surface Analyzer

DMI-177 Calibration Specimen
Certification Date: January 5, 2022
Due Date: January 5, 2024

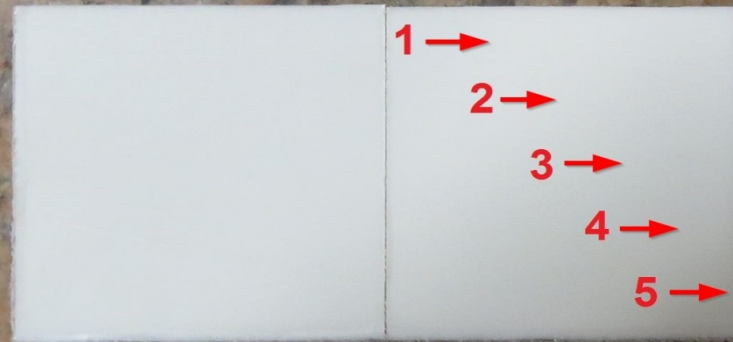
Remarks:

Surface Finish Parameters
Cutoff: 0.25mm
Evaluation length: 1.25mm
Tip Radius: 2 microns
Trace speed: 0.3mm/s
Probe Force: Light
Filter: Gaussian

*All measurements were made using standards traceable to the International System of Units (SI).
All statements of conformity are based upon measurement results not taking into account uncertainty of the measurement.
This report as well as all data and remarks only applies to the item listed in equipment information.
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Measurements were performed in accordance with ISO 10012-1 and ISO/IEC 17025.*

Item #	Loc.	Gage Ref.	Description	Specification	Tolerance	S/N 1 Actual	S/N 2 Actual	S/N 3 Actual	S/N 4 Actual	S/N 5 Actual	S/N 6 Actual
1	T1	DMI-084	Surface Finish Ra			0.02	0.02	0.02	0.02	0.02	0.02
		DMI-084	Surface Finish Rq			0.02	0.03	0.02	0.03	0.03	0.03
		DMI-084	Surface Finish Rz			0.16	0.17	0.14	0.18	0.18	0.19
		DMI-084	Surface Finish Rp			0.10	0.09	0.08	0.11	0.11	0.13
		DMI-084	Surface Finish Rv			0.06	0.07	0.06	0.07	0.07	0.07
		DMI-084	Surface Finish Rt			0.20	0.25	0.18	0.25	0.21	0.30
		DMI-084	Surface Finish Pc			531	483	585	600	502	569
	T2	DMI-084	Surface Finish Ra			0.02	0.02	0.02	0.02	0.02	0.02
		DMI-084	Surface Finish Rq			0.03	0.03	0.03	0.03	0.03	0.02
		DMI-084	Surface Finish Rz			0.18	0.16	0.18	0.16	0.16	0.15
		DMI-084	Surface Finish Rp			0.10	0.09	0.12	0.09	0.10	0.09
		DMI-084	Surface Finish Rv			0.08	0.07	0.07	0.07	0.07	0.07
		DMI-084	Surface Finish Rt			0.29	0.21	0.26	0.18	0.20	0.19
		DMI-084	Surface Finish Pc			433	548	525	513	543	651
	T3	DMI-084	Surface Finish Ra			0.02	0.02	0.02	0.02	0.02	0.02
		DMI-084	Surface Finish Rq			0.03	0.02	0.03	0.03	0.03	0.02
		DMI-084	Surface Finish Rz			0.16	0.15	0.15	0.17	0.17	0.15
		DMI-084	Surface Finish Rp			0.09	0.09	0.09	0.10	0.10	0.09
		DMI-084	Surface Finish Rv			0.07	0.06	0.06	0.07	0.07	0.06
		DMI-084	Surface Finish Rt			0.22	0.18	0.19	0.23	0.19	0.18
		DMI-084	Surface Finish Pc			516	649	519	552	547	659
	T4	DMI-084	Surface Finish Ra			0.02	0.02	0.02	0.02	0.02	0.02
		DMI-084	Surface Finish Rq			0.02	0.02	0.03	0.02	0.03	0.02
		DMI-084	Surface Finish Rz			0.16	0.15	0.18	0.16	0.17	0.16
		DMI-084	Surface Finish Rp			0.09	0.09	0.12	0.09	0.10	0.09
		DMI-084	Surface Finish Rv			0.06	0.07	0.07	0.07	0.07	0.06
		DMI-084	Surface Finish Rt			0.20	0.18	0.23	0.20	0.22	0.21
		DMI-084	Surface Finish Pc			579	523	501	553	579	627
	T5	DMI-084	Surface Finish Ra			0.02	0.02	0.02	0.02	0.02	0.02
		DMI-084	Surface Finish Rq			0.03	0.03	0.02	0.03	0.03	0.03
		DMI-084	Surface Finish Rz			0.19	0.16	0.14	0.16	0.17	0.19
		DMI-084	Surface Finish Rp			0.12	0.09	0.08	0.09	0.10	0.12
		DMI-084	Surface Finish Rv			0.07	0.07	0.06	0.07	0.07	0.07
		DMI-084	Surface Finish Rt			0.29	0.21	0.17	0.18	0.21	0.25
		DMI-084	Surface Finish Pc			519	543	564	551	586	627

**Measurement direction and location
as shown below:**



**Measurement direction and locations
as shown below:**

