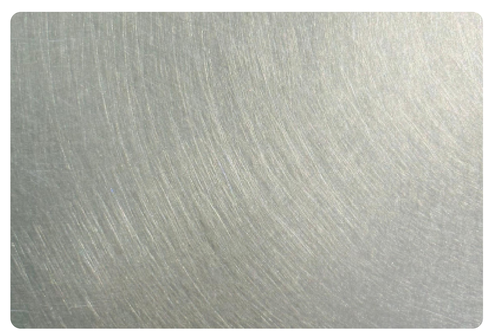
METAL FABRIK

DESIGN + BUILD + FINISHES

MATERIAL TEST REPORT

Finish Name	**BURNISHED ZINC**
Finish Code	**M10 - GI**
Material	**GALVANISED STEEL**



Application	**Interior** ☑	**Covered Exterior** ☑	**Exposed Exterior** ☑	**Seaside** ☐

TEST	RANGE	RESULT	METHOD
BOND TEST	2 - 3 N/mm2	2.5	Bond strength is a measure of the adhesive strength of a coating to its substrate by adhering a metal dolly to the surface of the test panel to be tested and pulling the dolly away from the surface, perpendicular to the surface by using a pull off apparatus.
SCRATCH RESISTENCE TEST	1300 g - 1500 g	1700 g	Scratch test is conducted to determine the resistance of the coating to penetration by scratching with a scratch stylus loaded with 1800g of load.
SALT SPRAY TEST	400 - 500 hours	500+	Salt spray testing is an accelerated corrosion test that produces a corrosive attack to coated samples in order to evaluate the suitability of the coating when exposed to salt spray for 500 hours.
WEATHER RESISTENCE TEST	400 - 500 hours	500+	UV Resistance is a accelerated weathering test conducted on coating material to determine its ability to withstand the effect of sun light when exposed to radiation for 500 hours.

Protective Coating Thickness	70 - 90 Microns

Conclusion :

Burnished Zinc finish on **GALVANISED STEEL** is suitable for **interior**, **covered exterior**, **exposed exterior** usage as it has passed all tests and results are within the permissible range.

Certified By Metal Fabrik :

METAL FABRIK
DESIGN + BUILD + FINISHES

METAL FABRIK FZ.L.L.C. P.O.Box: 85814 Al Jazeera Al Hamra Ras Al Khaimah U.A.E.

Disclaimer :

- All tests are conducted at govt. certified laboratory in the UAE on similar finishes / equivalent processes.
- All tests are in compliance with ISO/IEC 17025 : 2007 standards to ensure quality product & testing / calibration services.
- Color Fading - Interior 0-5% in 3years . Covered Exterior 5 - 7% in 2 years. Exposed Exterior 5 - 10% in 2 years. Seaside 5 - 15% in 2 years.

Gallery: #S11 -111, Al Quoz Logistic Park, Al Quoz 2nd, Dubai, U.A.E.

Factory: #A76/A89, Al Jazeera Al Hamra Free Zone, R.A.K, UAE.

Email: contact@metalfabrik.ae