



LABORATORY REQUEST/REPORT

ACCOUNT NAME: Color Steel s.r.o.
ADDRESS: Czech Republic

DATE RECEIVED: 10.07.2024
REQUESTED BY: Petr Tajchman
PROJECT No.: 052/24

SAMPLE: 6 pieces of powder painted test panels with different marks shown in evaluation table.

SERVICE REQUESTED (Background information):
1500 hours neutral salt spray test according to ISO 9227. Evaluation is made according to ISO 4628.

REPORT AND CONCLUSIONS:

PARAMETERS OF TEST:

Neutral salt spray test according to EN ISO 9227:

Duration of test:	1500 hours
Date of test:	10.07.2024-10.09.2024
Type of SST chamber:	Weiss 450
Volume of test chamber:	450 l
Concentration of NaCl:	5 %
Temperature of chamber:	35 °C
Spraying:	continuous by air
Stops of test:	10 min. in every 24 hours

RESULT:

No.	Mark	Thickness (µm)	Blistering (ISO 4628-2)	Rusting (ISO 4628-2)	Creepage from scribe (mm)	Scribe corrosion (ISO 4628-8)
1.	3/1	182±6	0(S0)	Ri0	1,7	grade 2
2.	3/2	150±9	0(S0)	Ri0	1,9	grade 2
3.	3/3	164±6	0(S0)	Ri0	1,9	grade 2
4.	1	150±12	0(S0)	Ri0	1,8	grade 2
5.	2	165±5	0(S0)	Ri0	1,9	grade 2
6.	3	146±8	0(S0)	Ri0	1,3	grade 2

REMARK: -

CHEMIST: Istvan Kern

DATE: 14.09.2024

PROJECT COST: 654 €

COST TO CUSTOMER: No Charge

Test panels after the test:

