

PT CITRA MEGAH SELECOMINDO

HASIL TRIAL SPANDEK DAN SKYLIGHT LOKASI KOTA KASABLANKA



Juga Tersedia Untuk :

Kaca

- Glass Coating
- Glass Film

Bangunan

- Cool Waterproofing
- Cool Paint
- Cool Roof

Otomotif (RFI)

- SUPER Insulation
- Window Film

TRIAL SUMMARY

TUJUAN – UNTUK MENGUKUR ATAU MELIHAT PERFORMA REFLECTO COOL METAL DAN REFLECTO COOL SKYLIGHT UNTUK MENGURANGI PANAS RADIASI MATAHARI

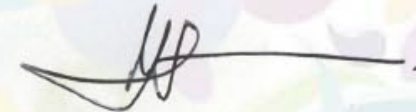
- CARA –
 - COOL METAL
 - COATING REFLECTO COOL METAL PADA SPANDEK
 - MEMASANG 3 UNIT THERMOMETER LOGGER 1) DI BAWAH SPANDEK YANG TER LAPISI REFLECTO, 2) YANG TIDAK TERLAPISI REFLECTO DAN 3) MATAHARI
 - LOGGER DITUTUP OLEH KOTAK SUPAYA TIDAK TERGANGGU OLEH SUHU SURROUNDING
 - COOL GLASS SKYLIGHT
 - COATING REFLECTO COOL GLASS SKYLIGHT PADA SKYLIGHT
 - MEMASANG 3 UNIT THERMOMETER LOGGER 1) DI BAWAH KACA SKYLIGHT YANG TER LAPISI REFLECTO, 2) YANG TIDAK TERLAPISI REFLECTO DAN 3) MATAHARI
 - LOGGER DITUTUP OLEH KOTAK SUPAYA TIDAK TERGANGGU OLEH SUHU SURROUNDING
- KENDALA SELAMA PERCOBAAN
 - BANYAK NYA CUACA YANG MENDUNG
- HASIL
 - UNTUK COOL METAL MENDAPATKAN SELISIH MAKS 35.5 C DENGAN SELISIH RATA2 15.97 C PERBANDINGAN ANTARA MEMAKAI REFLECTO DAN TIDAK
 - UNTUK COOL GLASS SKYLIGHT MENDAPATKAN SELISIH MAKS 15 C DENGAN RATA2 8.52 C PERBANDINGAN ANTARA MEMAKAI REFLECTO DAN TIDAK.

Laporan ini di buat oleh



Rahmat Rahardja Ong
PT Citra Megah Selesomindo

Laporan ini di terima oleh



ANDREAS J

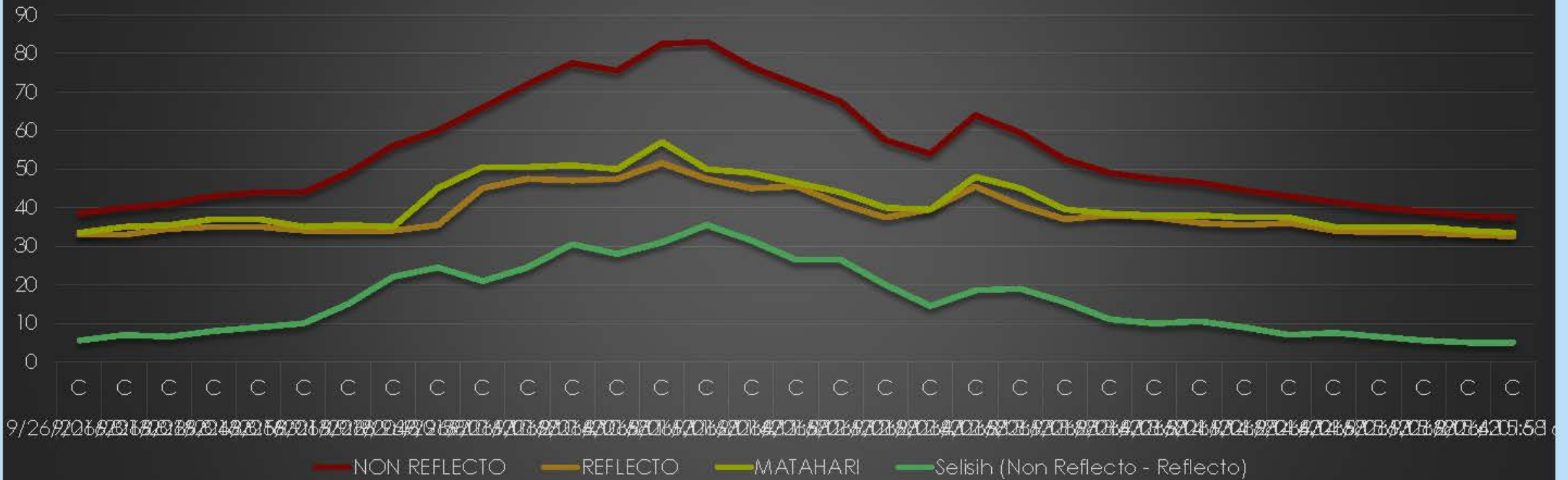
Pakuwon Group

COOL METAL TRIAL



HASIL TRIAL REFLECTO COOL METAL DI ATAS SPANDEK

COOL METAL DI SPANDEK



MAX SELISIH = 35.5 CELCIUS
AVERAGE SELISIH = 15.97 CELCIUS

Data Actual

| | NON REFLECTO | REFLECTO | MATAHARI | Selisih (Non Reflecto - Reflecto) | |
|------------------|--------------|----------|----------|-----------------------------------|------|
| 9/26/2016 8:13C | 38.5 | 33 | 33.5 | | 5.5 |
| 9/26/2016 8:28C | 40 | 33 | 35 | | 7 |
| 9/26/2016 8:43C | 41 | 34.5 | 35.5 | | 6.5 |
| 9/26/2016 8:58C | 43 | 35 | 37 | | 8 |
| 9/26/2016 9:13C | 44 | 35 | 37 | | 9 |
| 9/26/2016 9:28C | 44 | 34 | 35 | | 10 |
| 9/26/2016 9:43C | 49 | 34 | 35.5 | | 15 |
| 9/26/2016 9:58C | 56 | 34 | 35 | | 22 |
| 9/26/2016 10:13C | 60 | 35.5 | 45 | | 24.5 |
| 9/26/2016 10:28C | 66 | 45 | 50.5 | | 21 |
| 9/26/2016 10:43C | 72 | 47.5 | 50.5 | | 24.5 |
| 9/26/2016 10:58C | 77.5 | 47 | 51 | | 30.5 |
| 9/26/2016 11:13C | 75.5 | 47.5 | 50 | | 28 |
| 9/26/2016 11:28C | 82.5 | 51.5 | 57 | | 31 |
| 9/26/2016 11:43C | 83 | 47.5 | 50 | | 35.5 |
| 9/26/2016 11:58C | 76.5 | 45 | 49 | | 31.5 |
| 9/26/2016 12:13C | 72 | 45.5 | 46.5 | | 26.5 |
| 9/26/2016 12:28C | 67.5 | 41 | 44 | | 26.5 |
| 9/26/2016 12:43C | 57.5 | 37.5 | 40 | | 20 |
| 9/26/2016 12:58C | 54 | 39.5 | 39.5 | | 14.5 |
| 9/26/2016 13:13C | 64 | 45.5 | 48 | | 18.5 |
| 9/26/2016 13:28C | 59.5 | 40.5 | 45 | | 19 |
| 9/26/2016 13:43C | 52.5 | 37 | 39.5 | | 15.5 |
| 9/26/2016 13:58C | 49 | 38 | 38.5 | | 11 |
| 9/26/2016 14:13C | 47.5 | 37.5 | 38 | | 10 |
| 9/26/2016 14:28C | 46.5 | 36 | 38 | | 10.5 |
| 9/26/2016 14:43C | 44.5 | 35.5 | 37.5 | | 9 |
| 9/26/2016 14:58C | 43 | 36 | 37.5 | | 7 |
| 9/26/2016 15:13C | 41.5 | 34 | 35 | | 7.5 |
| 9/26/2016 15:28C | 40 | 33.5 | 35 | | 6.5 |
| 9/26/2016 15:43C | 39 | 33.5 | 35 | | 5.5 |
| 9/26/2016 15:58C | 38 | 33 | 34 | | 5 |
| 9/26/2016 16:13C | 37.5 | 32.5 | 33.5 | | 5 |

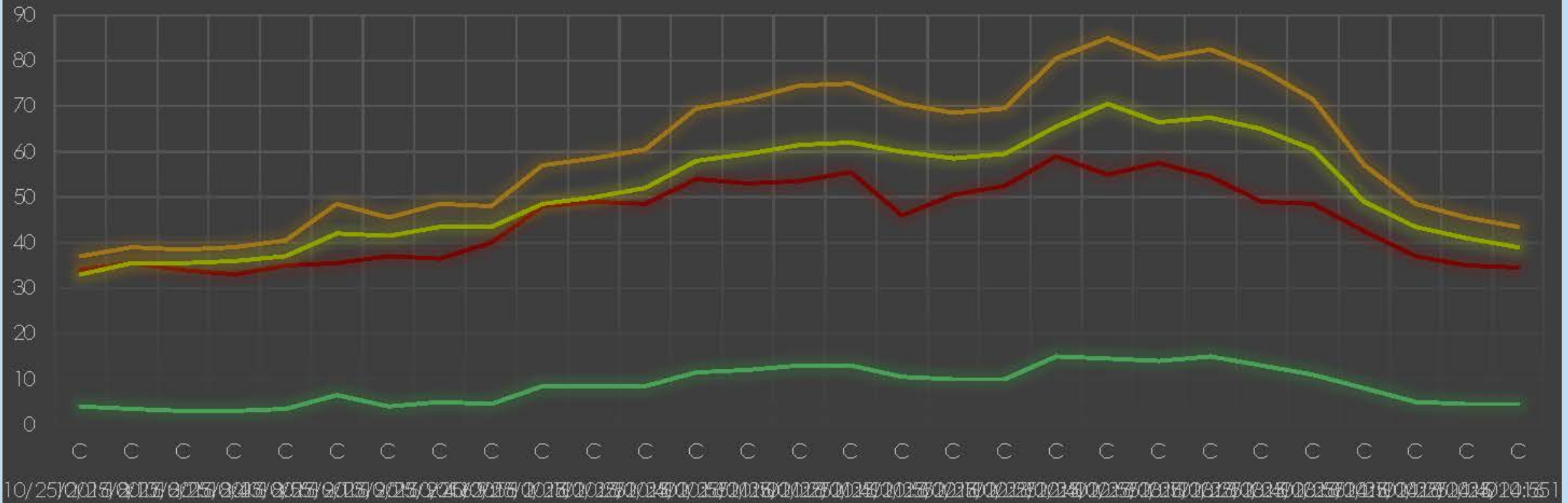
COOL GLASS SKYLIGHT TRIAL



HASIL TRIAL REFLECTO COOL GLASS SKYLIGHT

TRIAL REFLECTO COOL GLASS SKYLIGHT

MATAHARI NON REFLECTO WITH REFLECTO Selisih (Non Reflecto - With Reflecto)



MAX SELISIH = 15 CELCIUS
AVERAGE SELISIH = 8,52 CELCIUS

Data Actual

| | MATAHARI | NON REFLECTO | WITH REFLECTO | Selisih (Non Reflecto - With Reflecto) | |
|-------------------|----------|--------------|---------------|--|--|
| 10/25/2016 8:10C | 34 | 37 | 33 | 4 | |
| 10/25/2016 8:25C | 35.5 | 39 | 35.5 | 3.5 | |
| 10/25/2016 8:40C | 34 | 38.5 | 35.5 | 3 | |
| 10/25/2016 8:55C | 33 | 39 | 36 | 3 | |
| 10/25/2016 9:10C | 35 | 40.5 | 37 | 3.5 | |
| 10/25/2016 9:25C | 35.5 | 48.5 | 42 | 6.5 | |
| 10/25/2016 9:40C | 37 | 45.5 | 41.5 | 4 | |
| 10/25/2016 9:55C | 36.5 | 48.5 | 43.5 | 5 | |
| 10/25/2016 10:10C | 40 | 48 | 43.5 | 4.5 | |
| 10/25/2016 10:25C | 48 | 57 | 48.5 | 8.5 | |
| 10/25/2016 10:40C | 49 | 58.5 | 50 | 8.5 | |
| 10/25/2016 10:55C | 48.5 | 60.5 | 52 | 8.5 | |
| 10/25/2016 11:10C | 54 | 69.5 | 58 | 11.5 | |
| 10/25/2016 11:25C | 53 | 71.5 | 59.5 | 12 | |
| 10/25/2016 11:40C | 53.5 | 74.5 | 61.5 | 13 | |
| 10/25/2016 11:55C | 55.5 | 75 | 62 | 13 | |
| 10/25/2016 12:10C | 46 | 70.5 | 60 | 10.5 | |
| 10/25/2016 12:25C | 50.5 | 68.5 | 58.5 | 10 | |
| 10/25/2016 12:40C | 52.5 | 69.5 | 59.5 | 10 | |
| 10/25/2016 12:55C | 59 | 80.5 | 65.5 | 15 | |
| 10/25/2016 13:10C | 55 | 85 | 70.5 | 14.5 | |
| 10/25/2016 13:25C | 57.5 | 80.5 | 66.5 | 14 | |
| 10/25/2016 13:40C | 54.5 | 82.5 | 67.5 | 15 | |
| 10/25/2016 13:55C | 49 | 78 | 65 | 13 | |
| 10/25/2016 14:10C | 48.5 | 71.5 | 60.5 | 11 | |
| 10/25/2016 14:25C | 42.5 | 57 | 49 | 8 | |
| 10/25/2016 14:40C | 37 | 48.5 | 43.5 | 5 | |
| 10/25/2016 14:55C | 35 | 45.5 | 41 | 4.5 | |
| 10/25/2016 15:10C | 34.5 | 43.5 | 39 | 4.5 | |



Sekian dan Terima kasih

REFLECTO[®]

Heat Protection Specialist

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