



Report No: CRDF/RPT/SRI/158

Report Date: 18<sup>th</sup> May 2015**3. Results of the measurement:**

## Solar Direct Reflectance

Sample name	Sample ID	Measurement 1	Measurement 2	Measurement 3	Average
Insultec	SR105/15/1159	0.7627	0.7633	0.7630	0.7630

## Emissivity

Sample name	Sample ID	Measurement 1	Measurement 2	Measurement 3	Average
Insultec	SR105/15/1159	0.935	0.935	0.935	0.935

## Solar Reflectance Index (SRI) under different wind conditions

Sample name	Sample ID	Solar Reflectance Index (SRI)		
		Low Wind( $\rho=0 \text{ W m}^{-2} \text{ K}^{-1}$ )	Medium Wind( $\rho=2 \text{ W m}^{-2} \text{ K}^{-1}$ )	High Wind( $\rho=30 \text{ W m}^{-2} \text{ K}^{-1}$ )
Insultec	SR105/15/1159	95	95	95

Surface Temperature ( $T_s$ ) under different wind conditions

Sample name	Sample ID	Surface Temperature ( $^{\circ}\text{C}$ )		
		Low Wind( $\rho=0 \text{ W m}^{-2} \text{ K}^{-1}$ )	Medium Wind( $\rho=2 \text{ W m}^{-2} \text{ K}^{-1}$ )	High Wind( $\rho=30 \text{ W m}^{-2} \text{ K}^{-1}$ )
Insultec	SR105/15/1159	51.8	46.3	41.7

**4. Certificate of Accuracy:**

This is to certify that the test results herein presented are, to the best of my knowledge, true and accurate representations of the samples submitted.

Yash Kumar Shaikh

Technical Director

CEPT Research and Development Foundation

## Disclaimer:

1. The CEPT Research and Development Foundation, CEPT University is not responsible for any kind of alterations in the physical property of the sample and the customer is solely responsible for it and its consequences.
2. Result relates to the sample tested only. Sample will be destroyed after 7 days of issue of the report unless specified by the customer.
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