

### Genpact JLN - Application Report of LuminX Cool Roof Coating

Sr No.	Parameter	Observation
1	Location	Main Building Terrace
2	PO Reference	#1401218825
3	Product Used	Luminx Cool Roof Coating <b>Annexure 1</b>
4	Product Manufacturer	Lumin Coatings
5	Apply And Supply Contractor	Lumin Coatings
6	Application system and method of application for 2 coat layer of Luminx Cool Roof Coating	A. Thorough cleaning of concrete surface to remove dirt, dust, dried algae, loose held concrete etc. with wire-brush/WaterJet. B. let the surface dry completely C. Open the Paint bucket, Add water for dilution (mix 20% water by weight) Mix it well. D. Application of 1st Coat of Luminx Coating E. Leave the surface to dry for a minimum for 2-4 hours. F. Application of 2nd Coat of Luminx Coating
7	Date of Application	12/10/2024
8	Thickness Of Coating System	LuminX : 90 to 100 microns (each coat). Total DFT : 200 micron
9	Min, Year Of Service	5 Years
10	<b>Conclusion:</b>	A. The surface preparation was done mechanically and thoroughly. B. The application of Thermocol SHR Waterproofing System was done uniformly and without any dripping. C. The application was inspected and was found satisfactory. D. The surface was done properly, neat and clean as per Annexure 2. E. Application picture and temp. reading attached as <b>Annexure 2.</b>


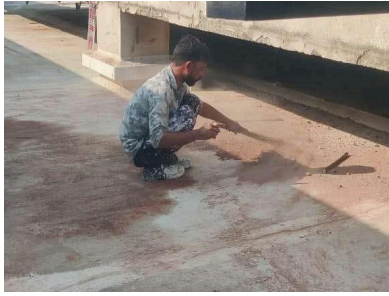



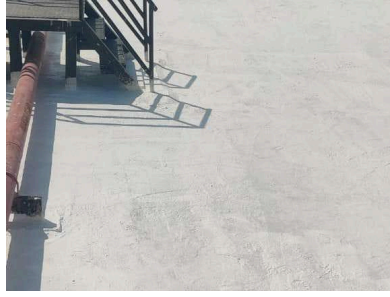
Genpact is a leader in embracing green technology to minimize carbon footprints and foster sustainable growth. As part of the "Genpact Green Initiative," we have implemented LuminX Cool Roof Coating technology at our office building in Jaipur. This advanced rooftop surface coating technology is designed to reduce energy consumption and carbon emissions by significantly lowering the surface temperature of the roof. The results of the LuminX Cool Roof Coating exceeded our expectations. The surface temperature of the terrace was reduced from 43.6°C to 31.0°C, a remarkable decrease of 12.6°C. This significant reduction in temperature has led to a considerable decrease in the electrical energy required for cooling the building. LuminX cool Roof coating can be a significant step towards clean and green energy initiatives.

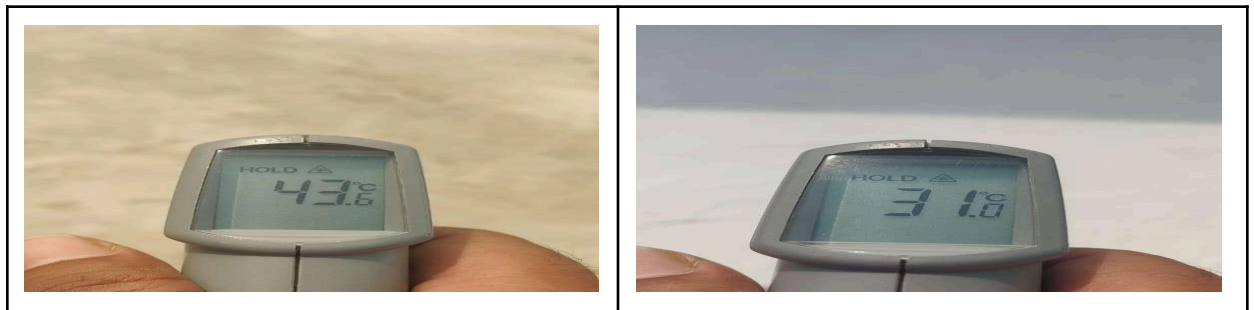
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### Annexure 1

	<p><b>LuminX Cool Roof Coating</b> - It is water based 100% pure Acrylic, UV Resistance, Solar IR Heat reflecting Elastomeric coating with high SRI value and conforming to BIS Standard IS 17218:2019.</p> <p>This PU+Acrylic coating system is designed to be applied on all types of surfaces like RCC roof, corrugated cement sheets, side walls, G.I Sheet, Asbestos Roof etc. Modified and specially designed with true and performance pigments, LuminX not only has UV resistant and excellent durability but also excellent elongation properties thus assisting crack bridging and waterproofing when coated over waterproofing chemicals. It is a GRIHA Certified Product and is tested as per BIS and ASTM Standards at NABL approved Labs.</p> <p><b>Coverage</b> : 25 sq ft/Litre for 2 coats</p> <p><b>Pack Size</b> : 20L Plastic bucket</p>
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**Genpact - Application Report of LuminX Cool Roof Coating  
Annexure 2**

		
Scrapping	Cleaning	Filling And Sealing of Cracks
		
WaterJet Cleaning	First Coat of LuminX	Final Coat of LuminX



Temperature Difference of Non-Coated and LuminX Coated Surface - 12.6°C

