



# Green Business Forum for Asia and the Pacific

## Investing in a Sustainable Future

22–24 November 2016 • ADB Headquarters

This is not an ADB material. The views expressed in this document are the views of the author/s and/or their organizations and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy and/or completeness of the material's contents, and accepts no responsibility for any direct or indirect consequence of their use or reliance, whether wholly or partially. Please feel free to contact the authors directly should you have queries.

This spectacular manufacturing unit is located in Narayanganj, 20 kilometers south from Dhaka city center, having an area of 6 acres (2.47 hectares) land, ideally organized by a combination of several beautiful buildings and more than 50% open area with lush greeneries. Besides, PFL has ensured the most efficient natural water management system, reusing the rainwater and surface water properly. A natural water body located inside the factory premises not only ensured the balanced eco system, but also assured a complete tranquility in the area.



S I M P L Y G R E E N

**PLUMMY**  
FASHIONS LIMITED

**Green Business Forum for Asia and the Pacific**  
Investing in a Sustainable Future

22-24 November 2016 • ADB Headquarters





# PLUMMY FASHIONS LIMITED

## HIGHEST POINT SCORING

# LEED PLATINUM

## KNITWEAR MANUFACTURING FACILITY IN THE WORLD

**40%** Reduction in Energy Use

**41%** Reduction in Water Use

**35%** Reduction in Carbon footprint

25/26



→ Sustainable Sites

31/35



→ Energy & Atmosphere

7/14



→ Material & Resources

10/15



→ Indoor Environmental Quality

5/6



→ Innovation & Design

4/4



→ Regional Priority

**92**



**LEED PLATINUM**

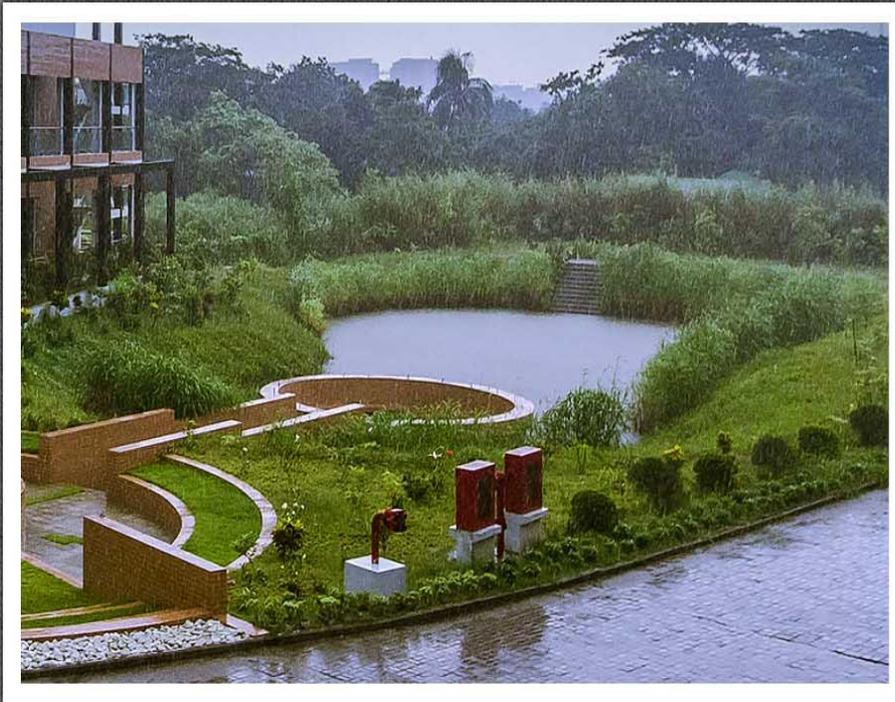


**Green Business Forum for Asia and the Pacific**  
Investing in a Sustainable Future

22-24 November 2016 • ADB Headquarters



# Rainwater Harvesting



Every drop of water that enter the factory site carefully managed. A rainwater management plant prevents rainwater from leaving the site. Rain water collected in six underground reservoirs and reused for toilet flushing and irrigation purpose.



S I M P L Y G R E E N

**PLUMMY**  
FASHIONS LIMITED

**Green Business Forum for Asia and the Pacific**  
Investing in a Sustainable Future

22-24 November 2016 • ADB Headquarters

**50**  
YEARS  
ADB

# Onsite Renewable Energy



A 65 KW capacity solar power plant with highly efficient mono crystalline panels has been installed in this factory. It will produce at least 110 mw/ hour energy every year which will meet at least 13% of total power required.



S I M P L Y G R E E N

**PLUMMY**  
FASHIONS LIMITED

**Green Business Forum for Asia and the Pacific**  
Investing in a Sustainable Future

22-24 November 2016 • ADB Headquarters



# ETP Plant

A 50 M3/Hr capacity ETP plant has been installed in this factory. It will produce at least 50 M3/hour.



S I M P L Y G R E E N



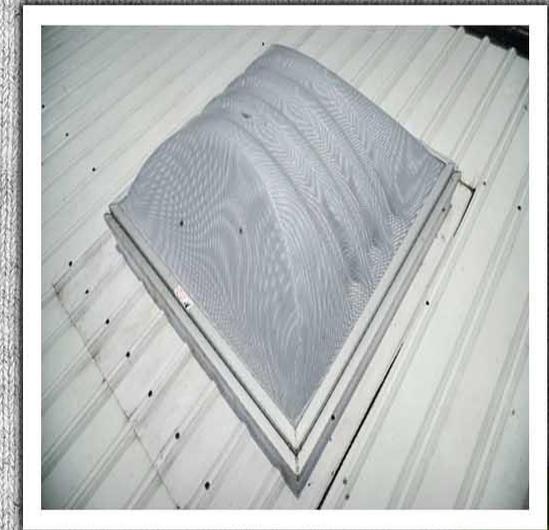
**Green Business Forum for Asia and the Pacific**  
Investing in a Sustainable Future

22-24 November 2016 • ADB Headquarters



# Maximum Day Lighting

The factory has designed the windows and louvers in a way to use maximum daylight. Moreover, 44 signature series prismatic dome skylights by Sun optics, USA has been installed for ambient lighting during the day time.



S I M P L Y G R E E N

**PLUMMY**  
FASHIONS LIMITED

**Green Business Forum for Asia and the Pacific**  
Investing in a Sustainable Future

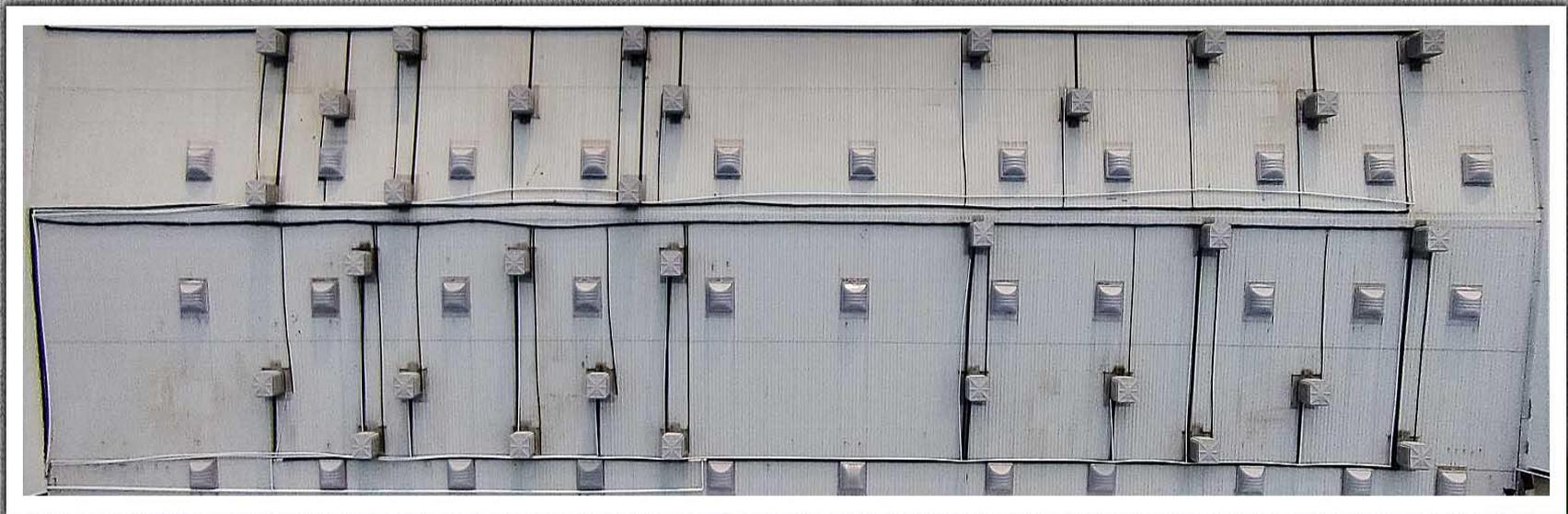
22-24 November 2016 • ADB Headquarters

**50**  
YEARS  
**ADB**



# Reduce Heat Island Effect

Reduce heat islands (*thermal gradient differences between developed and undeveloped areas*) to minimize impact on microclimate and human and wildlife habitats. PFL has installed roofing materials having Solar Reflecting Index (SRI) value 79 which is much higher than the required level. The total hardscape of the area is designed by light colored pave block which ensured the area to be heated less.



S I M P L Y G R E E N

**PLUMMY**  
FASHIONS LIMITED

**Green Business Forum for Asia and the Pacific**  
Investing in a Sustainable Future

22-24 November 2016 • ADB Headquarters

**50**  
YEARS  
ADB



“Plummy Fashions can produce all kind of **organic** Textile product under **GOTS** Certificate”





Thank  
you



**Green Business Forum for Asia and the Pacific**  
Investing in a Sustainable Future

22-24 November 2016 • ADB Headquarters

