

Advantages

- Easy to own (through installments)
- Can be reused and moved as needed
- Instantly brings in sufficient natural light
- Improves ventilation by 20%-30%
- Reduces electricity bill and saves energy



Airlite installed in a tent school (basic literacy program catering to under privileged children)

User Segments

- Home based businesses like: agarbatti workers, snack sellers, tailors etc
- Work spaces: mini production and assembly units of products like bags, watches, straps etc (workshop)
- Entrepreneurs and piece workers like: hand work tailoring, specific crafts, welding etc
- Educational spaces like aganwadis (day care centers), tuition centers, classrooms
Regular homes to carry out household activities like cooking, reading, cleaning etc

AIRLITE

Natural lighting and ventilation for slum homes

Significant number of homes in slum settlements have no natural lighting. Common walls, low incomes and lack of space in the slums makes the home environment very dark and gloomy. An energy audit revealed that most households in the sheet (GI / Asbestos) roofed slums have home-based businesses conducted throughout the day.

The Problem

- High electricity bill – Small scale businesses at homes use multiple lights and fans throughout the day which causes a dent in their daily/monthly income
- Dip in production due to power cuts
Headaches and low productivity
- Lack of lighting for daily household chores during the day



The Solution

An installation that improves natural lighting and ventilation- Airlite is a custom designed FRP (Fibre Reinforced Plastic) sheet which enables sufficient lighting and ventilation for built environments that are lacking it.

