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Godrej Interio, has a strong commitment to sustainability. It has a range of green product platforms, having the highest design quotient in aesthetics, functionality and technology. The design team at Godrej Interio works on conceptualising and creating products and office systems where sustainability and raw material safety (with an eye of minimising the product's carbon footprint) are built into the product in the design stage itself.

Sturdy with Sustainability



Furniture buyers and sellers must always consider the impact of material and processes on the environment while manufacturing products and/or buying them. The idea of sustainable furniture is about reducing the demand on natural resources by ensuring that it is replaced by environmentally friendly alternatives that are sustainable. Manufacturers of furniture like us have to be careful, to ensure that the finished products do not damage the environment. Measures to be undertaken by furniture makers in support of the environment and society, include designing fewer environment burdening products, using eco-friendly materials packaging/transportation and recycling/reusing used furniture and scrap. We ensure all these measures are carried out at our manufacturing units. Using recyclable material in India is not easy. At our facilities we use chip and particle board – instead of solid wood – in our products. Also, the solid wood we use is Forest Stewardship Council (FSC) certified. We use bonded foam instead of virgin foam and where

there is no structural demand, recycled boards are used in chairs.

This is being achieved by eliminating the use of hazardous chemicals, increasing use of recycled & recyclable raw materials, greener manufacturing processes and packaging materials, reducing carbon footprint through responsible transportation. Godrej Interio has also instituted the WeCycle initiative, a recycling service for all institutional products, closing the loop as a responsible manufacturer.

Godrej Interio, for instance, which has over the years extended support to the environment, has incorporated Design for the Environment (DfE) into its manufacturing philosophy. It converts your environment with its range of green product platforms, having the highest design quotient in aesthetics, functionality and technology. All the manufacturing facilities are Greenco certified. Energy-intensive processes are kept under close check. All our products are tested as per international standards and are Greenguard certified. Replacement, serviceability and increase of longevity are



taken into consideration at the design stage itself.

USING ECO-FRIENDLY MATERIALS

One way to overcome the challenge is to use eco-friendly materials and minimalistic interiors. Using cottons and natural fibres that are not mixed with other materials is also becoming popular. Godrej Interio has initiated several steps at our manufacturing plants and those of our suppliers to ensure sustainable practices. Optimised usage of material from design to manufacture ensures minimum waste of materials. The brand provides knock-down products and flat packaging, hence reducing overall fuel consumption during transportation. The use of products containing volatile organic compounds (VoCs) to produce coatings,

glues, particle-boards and upholstery for making of furniture is still rampant in the industry. Many consider furniture as a culprit for the slow emission of VoCs over extended period of time.

The brand uses chip and particle board – instead of solid wood – to ensure the use of recyclable and recycled content in our products. In fact, the solid wood used is Forest Stewardship Council (FSC) certified. We use bonded foam instead of virgin foam and where there is no structural demand, recycled boards are used in chairs.

SUSTAINABILITY INITIATIVES:

- Installation of 360 KW capacity solar roof top panels at Shirwal plant

At Shirwal phase 1 and Phase 2, we have installed solar roof panel of capacity 250 kW and 110 kW respectively. The initiative has helped to reduce our electricity consumption coming from MSEDCCL (Maharashtra State Electricity Distribution Company Limited) which has increased the renewable energy share of the plant. The solar power generation contributes around 8% of total electricity generation of plant. Conversion of pre-treatment process into phosphorous free process

- At Plant Shirwal powder coating department, the phosphating process in pre-treatment line has been eliminated by use of phosphate free zirconium coating. In degreasing tank (which removes oil or grease from steel panel), bio remediated cleaners are added which converts complex organic molecules like oil in the tank into simple, non-hazardous substances like carbon dioxide and water. It has benefited in longer solution life, stable operating conditions, less line maintenance of nozzles and risers, reduction in process effluent and sludge generation, saving of 17280 kWh units of power per year and saving of 28800 litres of water per year. ▲

