

## GODREJ INTERIO SPEAK

Dear Sir,

We are pleased to present you the August issue of InterEdge. It's an issue with a lot of interesting articles and information to look forward to!

See architecture scale new heights with the Skypark at Singapore. This month's featured read, 10x10, is a kaleidoscopic view of new architecture in the world today. There are also interesting articles on multi-coloured parquet flooring, and radiant floor heating systems.

In the Talk Green Walk Green Section we discuss the importance of recycling wood and the various recycling and reuse initiatives undertaken by us. Also featured inside are Vurv – our new FLEXI desk-based system and Gallop – a chair that combines functionality with detailing, and our latest installation at Tata Consultancy Services, Chennai.

Awe-inspiring structures, interesting public art, smart products, green initiatives... this issue has it all. We hope you enjoy it, and would request you to give us your valuable feedback.

Warm Regards,

Team Godrej Interio

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“The architect should strive continually to simplify; the ensemble of the rooms should then be carefully considered that comfort and utility may go hand in hand with beauty.”

*Frank Lloyd Wright*

## THE ART OF BEAUTIFUL FLOORING

Parquetry is the creation of wood mosaics, commonly used in hardwood flooring. Usually, woods such as oak, walnut, and cherry are used. The more expensive parquet floors use richly colored tropical hardwoods. The woods can be placed in a wide variety of patterns, including rhombuses, triangles, Monticello (Neoclassical-style patterns) and Monaco (Baroque-style patterns) to create the floor. Parquet flooring is especially beautiful when the patterns are



enhanced by stains and smooth finishes that bring out the lustrous 3-D effect.

Parquet flooring is available in three different types. Parquet Laminates, Parquet Veneers and Parquet Solids. Of the three, Parquet Laminates are the least expensive. They consist of faux-wood pieces attached to a base such as particle board. Parquet Veneer is a layer of 3-5 mm thick solid wood. This veneer layer is glued and pressed onto a core panel of a different material, like plywood, and attached to the material's base. They are easily repaired by re-sanding. Parquet Solids are composed of completely solid wood, and are the most expensive. The standard thickness of a solid parquet board is usually 1.5 cm or more, allowing it to be sanded repeatedly throughout its lifetime.

Around the world, architects and home owners are opting for parquet floors for a stunning visual effect. The Humlegården Apartment in Sweden is a brilliant example. The floor and walls of the apartment have parquet in overlapping colours. This transforms the layout of the apartment and creates a new structure of spaces linked to each other. The parquet floor also functions as a uniting system that offers design possibilities. Every piece of parquet has been designed to fit into the right position; there is no random factor in the construction process.

Parquet flooring, no matter what type, is a lovely choice for hardwood floors. There are many enhancements, like finishing and staining, which can make it stand out in a house or apartment. Its simple, beautiful patterns, ease of installation, and excellent pricing make parquet flooring a popular choice for many hardwood floor owners.





## TALK GREEN WALK GREEN

### Wood Recycling

*“Beyond every piece of wood and every piece of furniture, there is a tree. If we look for new ways to use recycled wood, and expand the possibilities for recycling it, there will be many more forests left standing alive.”*

Recycling is an important way for individuals and businesses to reduce the waste they generate and reduce the negative impact of that waste. In this issue we will be talking about wood recycling.

At Godrej Interio, we have been following recycling as a policy much before the advent of the recycling mantra. We follow some simple steps, which help us ensure minimum usage of wood.

#### Refuse Usage of Solid Wood

The use of wood substitutes such as particle boards and medium density fibre boards (made from wood particles bonded together with glue) marks our first step towards recycling, and helps us conserve forests. We also use rapidly renewable resources like rubberwood for some of our products.

#### Reduce Usage

We ensure optimum usage of these boards by use of simpler geometric shapes placed appropriately to ensure maximum use. Such a process is called nesting. This calls for advanced technology that is only available with major furniture manufacturers like us. We have been successful in reducing usage from 26% to 18%.

#### Recycle Scrap

There are 3 kinds of scrap generated:

- **Process Scrap:** Every process has minimum wastage. These are the remains of the boards after cutting.
- **Rejection Scrap:** Scrap may also be generated due to defects, rejection and also old product disposal. These cannot be recycled immediately. These have impurities and other components like steel and plastic in them as well. These have to undergo a process of separation before reprocessing.
- **Others:** While wood is being processed, saw dust is produced. It can harm the workers in the factory and also create a mess in the working area. We have dust extractors in our factory, which suck the saw dust to ensure clean air and a clean working area. The saw dust collected is stored in jute bags.

All the scrap generated is recycled through external agencies.

#### Reuse Scrap

Some pieces of scrap can be used. These after having being checked for usability are used in hidden components of the products, such as the bedlocker area and under the table, which are not directly visible to the user. The bigger pieces can be used for smaller application areas like the rear of a wooden pedestal.

All our above efforts ensure minimum usage of wood and help save forests. Recycling and reuse of wood reduces pollution and conserves much needed landfill space.

## ON THE BOOKSHELF

### Featured Read: 10x10



10x10 is a kaleidoscopic view of new architecture in the world today. 100 emerging

architects have been selected by 10 leading international architecture curators and critics. Each critic has also selected and listed 10 cultural references - including designed objects, books, films, themes and movements - to reveal a dynamic range of influences in today's design environment.

The book is unique in architectural publishing and provides a truly global view of the most imaginative and important architects, not only of today, but also of the future. The monumental book is itself architecturally designed, with a plastic lenticular three-dimensional cover, and an innovative shifting grid page design, which packs in over 1,500 striking images in 468 pages. The absorbing tome is presented alphabetically in a dynamically direct A-Z format that results in arresting sequences with the turn of each page. 10x10 is not just a book; it is an invigorating examination of contemporary architecture and culture.

## A WALK IN THE SKY!

### The Sands Skypark in Singapore

The 'Sands Skypark' is a 380 meter-long rooftop deck. It spans across the length of the 3-skyscraper structure of the Marina Bay Sands hotel complex. Designed by architect Moshe Sadie, the platform rests 200 meters in the air and is longer than the Eiffel Tower laid on its side. The iconic structure was constructed at a cost of around 80 million dollars and required roughly 7,000 tons of steel. It takes around 20 minutes to walk the entire length of the Sands Skypark. But that is only if visitors do not stop to enjoy the many attractions along the way! There's a 150 meter-long infinity swimming pool, bar, restaurant and spa, a botanical garden with 250 species of trees and 650 plants, and an observation deck that provides a panoramic view of the

waterfront. The observation deck alone is capable of holding 900 people at once, with the whole Sands Skypark having the capacity to host up to 3,900 people.



 **NEW INTRODUCTION****Vurv**

Vurv, the new FLEXI desk-based system from Godrej Interio, is made to adorn your workspace. It is synonymous with zeal, vigor and dynamism. Movable partition screens and return unit gives it the ability

to adapt to random working patterns. Ergonomically designed, it caters to your demand for seamless, clutter-free and aesthetically appealing workspaces.

**Gallop**

Gallop is a chair that combines functionality with detailing. Its unique features, like bio-synco mechanism, height and seat depth adjustability, provide you great convenience, besides guarding your body from common urbane ailments like backache, fatigue, etc.



## RADIANT FLOOR HEATING SYSTEMS

Radiant floor heating systems have been in use since as far back as the Roman Empire. These systems are used to disperse heat through a building by placing a heated medium beneath the floor paneling. There are three types of radiant heating: electric, air and liquid. By heating the chosen medium and pumping it through pipes, heat rises from the floor in an even dispersal.



A radiant floor system can be built either by using a large thermal mass as an insulator -- such as a slab of concrete with piping running through it -- or by placing the piping directly beneath the floor. Any type of floor may be used with a radiant floor heating system, including hardwood, linoleum, concrete slab, tile or vinyl. Ceramic tile is by far the most popular, because it passes the heat easily, is aesthetically pleasing, provides substantial thermal mass, and many people enjoy the feeling of warm tile under their bare feet. When using wood, it is a good idea to treat the wood to reduce cracking or warping. If placing

carpet over the floor, it is important to use as thin a carpet as possible, since the insulating properties of the carpet will keep the radiant heat from drifting upwards.

Most radiant floor heating systems have a number of zones of piping, allowing heat dispersal throughout the house to be regulated by sealing off certain zones and leaving others open for the flow of liquid.

Radiant floor heating systems, in addition to being slightly more energy efficient than traditional forced-air systems, have the added benefits of having no aesthetic



marker such as ducts, they introduce no outside dust or particulate matter into the house, and they are completely silent. This has made them a favorite in recent years.



## NEW INSTALLATION

### Creating Rejuvenating Workspaces

Godrej Interio installed 1,000 Stallion workstations at the Chennai office of Tata Consultancy Services. Stallion is a sturdy, tile-based system that uses fresh citrus colours that make for a rejuvenating workspace.





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