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SPECIAL ISSUE!

R E P O R T E R

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“After a century largely dominated by discussions of space and form, there is now renewed interest in material and tectonic aspects of architecture.”

– R. Weston



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wood plastic composite architects

WPC PERGOLAS



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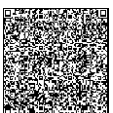
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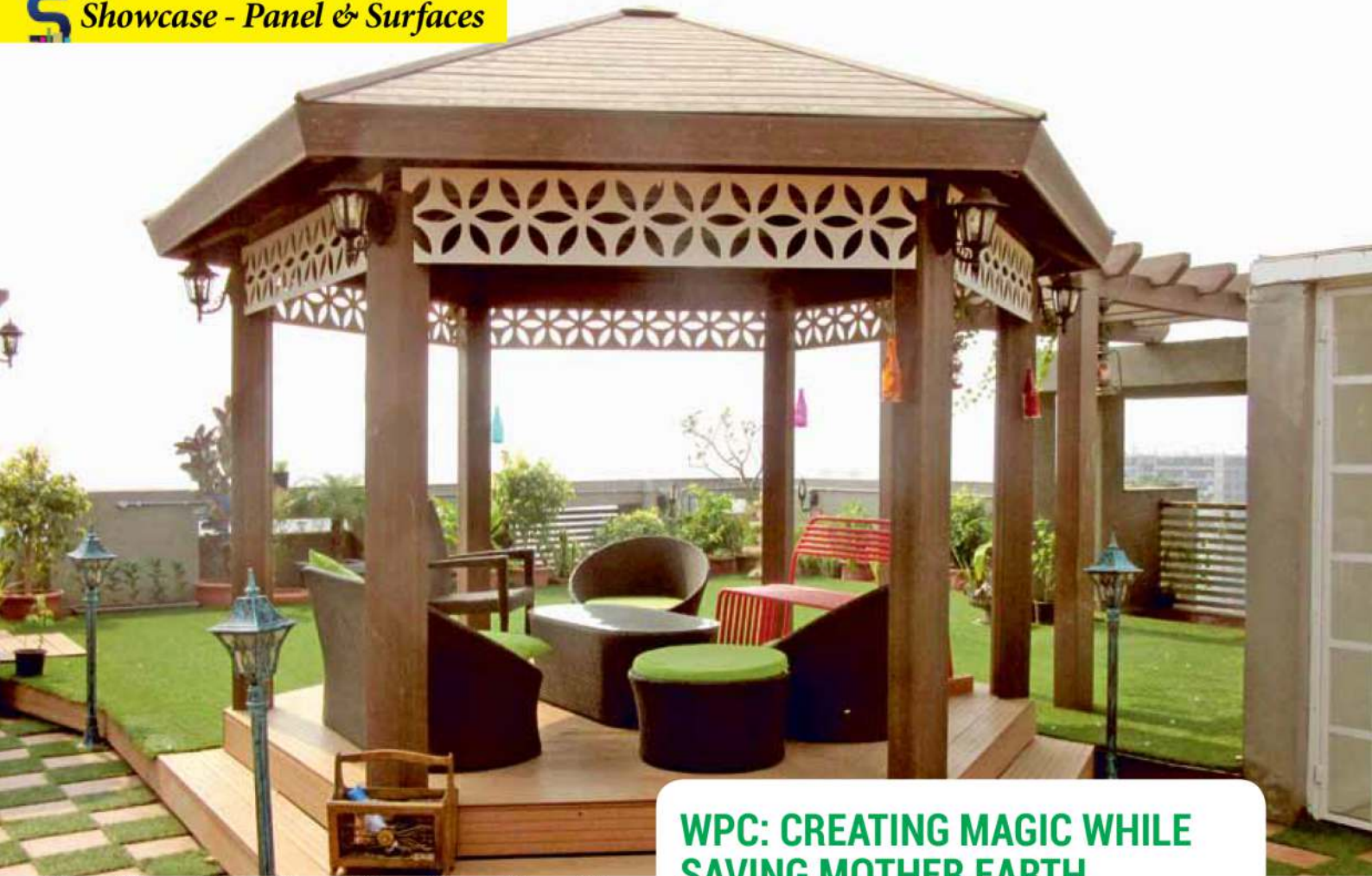


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WPC: CREATING MAGIC WHILE SAVING MOTHER EARTH

The WPC Centre (Hardyplast), a universal brand for WPC products churns out the best from wood-plastic-composites to generate outstanding ideas and create projects having some novelty! Let's know how...

Terrace Gardens @ Nirvana's

Hardy Smith recently finished a project based in Ahmedabad Riverfront for terrace garden. 'Nirvana' @ 14th floor of Iscon river side apartment was the site for creating a complete terrace garden with wood polymer composite material. Shah family handed over this task to Hardy Smith team for replacing natural wood with new generation green material known as 'WPC', technically known as wood polymer composite.

WPC material was selected because of its outdoor properties including weather sustainability, water proof nature, termite proof nature and very little maintenance. Made with polyethylene or polypropylene resins in composition with wood powder creates high density wood alike profiles for outdoor/exterior applications. WPC can be designed with desired wall thickness range for structural applications. It can be made hollow and solid both for numerous applications those can replace wood. Socially it is a green product that protects environment with natural characteristics of anti-water, antifungus & anti-termite.

As shown in the picture turnkey project was supplied with all WPC products including WPC pergolas, WPC Gazebo, WPC pergola glass house, WPC Deck floors, WPC Wall cladding, WPC Fencing walls, WPC Ceiling panels, WPC designer Grills, WPC Pillar, WPC Rafters and Artificial garden.



WPC Glass house

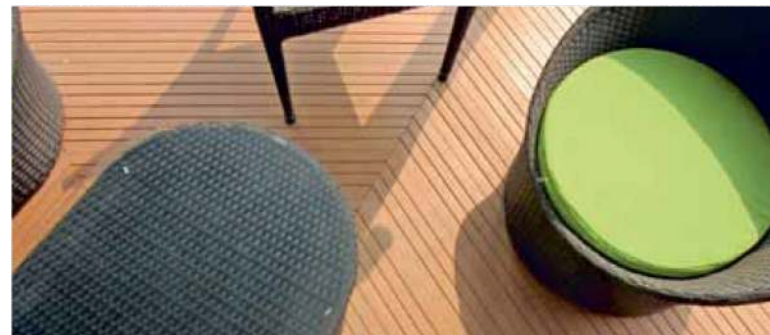
WPC Glass house was installed with a total combination of WPC profile varieties. Entire structure was designed and placed at a corner of the terrace from where a 1.5 km river front can be visible. 3 sides of the structure are installed with toughened glass to give a view open to sky. Inside ceiling is made of WPC wall cladding panels, mounted in a reverse manner to give the ceiling a complete 'Ethnic/village' look from the bottom. Back wall is fixed with WPC fencing wall on MS structure, so that AC or LED screen can be placed. Back wall fencing with WPC protects the room from water. Ceiling is mounted with lanterns to give utility and exotic look, respectively. Sofas are placed inside for a leisure seating and river line view. Entire structure is designed and built keeping monsoon season in the mind.

WPC Gazebo

Gazebos are typically a pavilion structure that was popularly used by kings as 'Tents' or 'Shelters' during their long journeys. A dome shaped gazebo is a well-designed outdoor seating for gardens, terraces, hotels, clubs, temples and resorts. Conventionally it was being made out of natural wood in solid panels. Wood was used to cut into desired shapes and sizes, fixed with nails and screws. Later it was painted or varnishes for saving the wood from moisture and outdoor temperature.

Gazebos made of WPC material is a self-sustained or self-maintained structure which doesn't get affected with termite and outdoor weather. It can be installed faster than conventional wood with assemblies and

hardware available in the open markets. It can be made with different colours and surface finishes like wooden textured, sanded, and brushed. It can be floored with WPC Deck floor and WPC Fencing profiles for master outlay. Structure was made with WPC Pillars and WPC rafter are placed over the top.



Roof was installed again with WPC Wall cladding profiles in reversed manner. Entire structure was installed on MS square tube platform with a height of 450 mm. Decorative WPC grill

panels were applied as monumental gateways between each two pillars. Gazebo was extended towards terrace end with a Pergola unit that is to be mounted with Epipremnum aureum and other climbers. Floor is placed with rattan chairs and tripod with a seating of four.

Deck Floors

The Floors of Glass house and Gazebo are covered with WPC Deck Floor profiles. It is generally used for outdoor applications like walkways, platforms, terraces, traffic squares, courtyards, garden coverings, swimming pool areas, river sites, pond sides, water areas, dam areas and corridors etc. Decency of Deck Floor gives natural touch to overall installation and ambience. Technically it reduces sunshine reflection and absorbs UV radiation. It can be applied across water drainage areas because of air permeability.

Overall Landscape

The border of the entire terrace is nicely covered with flower pots in single and two step MS structures. Outside terrace area between Glass house and Gazebo is placed with artificial grass all around. All in all the entire landscaping is evolved beautifully with WPC Glass House, WPC Gazebo, WPC Pergola, WPC Fencing wall and a changing room with WPC wall cladding. The entire layout has saved more than 10 virgin fully grown trees.