

## Green Sun Plate / Tree Grilles / Grass Bricks

Practitioner of safety,  
environmental protection  
and innovation



## 泰陽橡膠廠

SUN RUBBER  
WORKS CO., LTD.



### About Sun Rubber Works

Sun Rubber Works Co., Ltd. is established in 1967 and has continued to work on the research development and manufacturing of rubber. In recent years, the company has been proactively partaken in the research and development of waste reduction and recycling of waste goods; furthermore, it has received domestic and international patents and awards from areas such as the US, Germany, Mainland China. Their services and product qualities are well renowned.

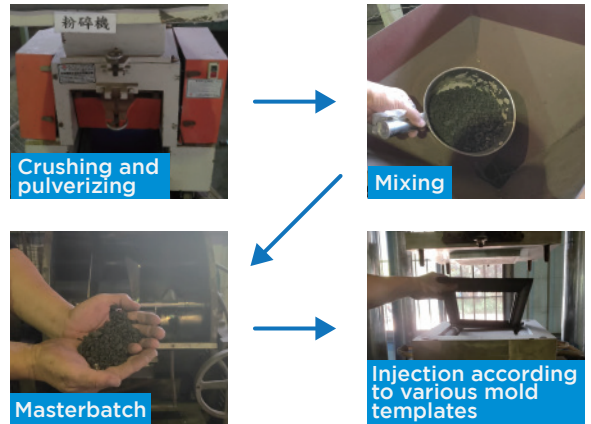
The Green Sun Plate developed by Sun Rubber takes the discarded materials that were created from rubber during the manufacturing process, combined with high density plastics and proceeded with the mixing process. Different additives are added in order to present more vibrant colors, suitable for various type of fences. Sun Rubber's factories raise the added value of traditional industries sector such as rubber and its relevant processing fields by targeting its treatment of discarded waste. The excellent qualities and its durability features are highlighted in Taiwan and in the target markets such as South East Asia and Mainland China.

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## ▶ Manufacturing Process of Eco-friendly Composite Material Based Masterbatch and Its Derived Products

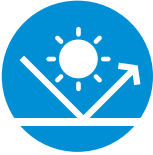


Through its surface grinding technology, Sun Rubber combines recycled plastics and recycled rubber to produce polyolefin and rubber powder. Afterwards, different additives are added within, placed in the resin solutions, and evenly stirred according to the application needs. Finally, “Eco-friendly Composite Material Based Masterbatch” is created as it undergoes the manufacturing process. The Masterbatch could apply onto varied mold for producing Green Sun Plate, tree grilles, and grass bricks, which are applications and goods with water retention and breathable properties.



Manufacturing Process of Eco-friendly Composite Material Based Masterbatch and Its Derived Products

### Green Sun Plate

Sun Rubber takes Eco-friendly Composite Material Based Masterbatch and its specialized mold template to create Green Sun Plate with rich colors through its surface grinding technology. It is long lasting and has light resistant, salt mist resistant, eco-friendly and recyclable features. Additionally, it could replace traditional building materials such as wood, bamboo, stone due to its dust-free and moss-free properties, offering faster construction ways for fence building. Furthermore, Green Sun Plate is suitable for installing various types of fences due to being able to match with different colors and has easy maintenance, diversity and outstanding soil resistant characteristics. These are new artistic wall blocks, which integrates aesthetics and holds strong, economical and quick advantages.

-   
 Excellent Insulation
-   
 Weather Resistant
-   
 Acid and Alkali Resistant
-   
 Easy Fixture
-   
 Easy Maintenance



Green Sun Plate application

### Tree Grilles

Tree grilles could be applied onto the plants' surrounding soil. It could effectively inhibit the growth of weeds due to its light shielding and partially isolation features. Not only could this cut down the weeding time for manual labor, but this also tidy up the ground which could protect the soil and its habitant even more. Additionally, the trees do not need to replace the tree grilles when it grows bigger, simply just remove the inner rings around the trunk for the expected growth.



Tree grilles for pavement trees

### Grass Bricks

Grass bricks could be laid in public places such as parking lots and sidewalks, that could provide an excellent living environment, effectively lower the heat island effect, lessen burden upon the city drainage and reduce the energy consumption. Furthermore, weeds are effectively controlled through Grass bricks' unique shape, which could greatly beautify the city itself.



Photo of Grass bricks

