

路威彩砂防滑路面是一种树脂基路面防滑系统，包括特殊配方改性的树脂基粘合剂和各种不同规格的彩砂，我司能够提供红、绿、黄等几大色系的道路面层，色彩丰富、持久，路面系统使用的路面颜色由所选集料的颜色决定。



Roadpower multicolor pavement with skidproof surface is a kind of resin-based pavement skidproof system. It includes modified resin-base binder (Color Binder™) and color sand (Color Sand™) in various dimensions. Our company can supply the surface course in four colors systems of red, green, yellow, and blue. The color is abundant and persistent. The color of the pavement is decided by the color of the chosen aggregate.



## 铺装形式之二——彩砂防滑路面

Paving pattern 2—Multicolor pavement with skidproof surface

### 彩砂防滑路面的主要优点：

The main advantages of multicolor pavement with skidproof surface

1. 铺装 in 风景区的上下坡路段和景区险要地段，提高路面防滑性，防止雨天路面湿滑给游人带来的不便，有利于游人安全。

*Paved on the uphill and downhill section and the dangerous section of landscape area, it can improve the skid resistance of the pavement, thus it is convenient to tourists. Good for travelers' safety.*

2. 骨料表面微观结构和骨料的气孔会改变噪音频率，有明显降低噪音的效果。彩砂防滑路面能避免在路面上形成水膜，能有效防止溅水。

*The microstructure of the aggregate surface and the pores of the aggregate can change noise frequency. Therefore, it can obviously reduce the noise. Multicolor pavement with skidproof surface can avoid forming water film on the pavement and effectively protecting splash.*



降低噪音、防止溅水  
Noise reduction and splash prevention

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国家高新技术企业 HI-TECH

旅游生态路  
SOLUTION FOR COLORING TRAVEL ECOLOGICAL ROAD  
彩色解决方案

Oceanpower  
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MULTICOLOR PAVEMENT SOLUTIONS

3 彩色铺装  
整体解决方案



旅游景区彩色道路设计是跨越传统模式，提升景区品味的有效手段。彩色沥青路面铺装，在旅游景区道路上与周围绿色草地、树木、花卉相映成趣，绘出宜人景色，形成新的旅游景观。

The multicolor pavement design in tourism area, which bridges over the traditional pattern, is the effective way to improve the taste of the tourism area. Multicolor asphalt pavement paved in the tourism area, together with the greenbelts, trees, and flowers and form a new travel sight.



海川工程公司经过多年的积累，整合自己的资源和经验，推出了个性化的海川旅游生态路彩色解决方案。根据旅游生态及业主需要的不同，糅合路威彩色沥青和彩砂防滑路面两种不同的解决方式，使风景如画。

Through accumulating for many years, integrating the sources and experiences, Oceanpower engineering technology Co., Ltd. has explored the solution for coloring the travel ecological pavement. According to travel ecology and the owner's requirements, this solution has combined the Roadpower multicolor asphalt pavement and multicolor pavement with skidproof surface together. Therefore, makes the sight like a picture.

彩色路面的铺设能够大力提升旅游景区的品质，吸引更多的游客，创造更好的旅游效益。

The multicolor pavement can greatly improve the quality of the travel beauty spot, attract more tourists, and create better travel benefit.



## 铺装形式之一——柔性彩色沥青路面

### Paving pattern 1 — Flexible multicolor asphalt pavement

海川彩色沥青胶结料是利用国外的先进技术，按照沥青混合料的国家标准研制而成。彩色沥青专用着色剂是依托海川色彩科技有限公司的技术力量开发的系列产品，彩色沥青专用着色剂具有色彩鲜明、化学性质稳定等特点。

Applying the advanced technology abroad, and following the national standard of asphalt mixture, we made the Oceanpower Roadpower series multicolor asphalt binder. Multicolor asphalt pigment is a product explored by Oceanpower color technology Co., Ltd. It has the characteristics of bright color, stable chemical property, etc...

#### 彩色沥青路面的主要优点：

The advantages of multicolor asphalt pavement

1. 彩色沥青所用胶结料有环保作用，有效降低了黑色沥青中普遍存在的3-4苯丙衍生物等致癌物质。

The multicolor binder has the function of environmental protection, it can effectively reduce carcinogens commonly existed in black asphalt, such as 3-4 Styrene-acrylic derivant.



2. 彩色路面可以美化环境，给人良好的视觉感受。

The multicolor pavement can beautify the environment to give people visual enjoyment.

#### 彩色沥青各项性能指标

Performance index of multicolor asphalt

路威彩色沥青胶结料性能指标完全符合国家标准对道路石油沥青A级的要求。

The performance index of Roadpower multicolor asphalt binder completely meets the requirements of National Standard to A-grade Asphalt Paving Highway.

海川沥青混合料的各项技术指标满足《公路沥青路面施工技术规范》(JTG F40-2004)要求。

All the technical parameters of Roadpower asphalt mixture can meet the requirements of "Standard Specification for Construction and Acceptance of Highway Asphalt Pavements (JTG F40-2004)".

柔性彩色沥青路面其耐用性完全符合旅游生态路的要求。

The durability of flexible multicolor asphalt pavement can completely meet the requirements of travel ecological pavement.



#### 路威彩色沥青胶结料性能指标

Performance index of Roadpower multicolor asphalt binder

项目 Item	单位 Unit	OP-50	OP-70	OP-90
针入度 Penetration (25℃, 100g, 5s)	0.1mm	40-60	60-80	80-100
延度 Ductility	15℃	≥100	≥100	≥100
	10℃	≥20	≥25	≥45
软化点 (环球法) Softening point (ring-ball method)	℃	≥50	≥50	≥50

#### 路威彩色沥青混合料路用性能指标

Performance index of Roadpower multicolor asphalt mixture

胶结料用量 Binder content (%)	混合料用途 Application of mixture	试件击实次数 Number of blow Marshall compaction	稳定度 Stability (kN)	流值 Flow value (0.1mm)	残留稳定度 Retained stability (%)
6.0	非机动车道 Cattle way	双面击实50次 Double blow Marshall compaction for 50 times	4.6	20.5	82.6