

## 水性建筑涂料调色用经济型“臻彩”系列色浆

“Zhencai” series of water-based economical colorants for architectural coating

## ○产品说明:

水性经济型“臻彩”型系列色浆为不含乙二醇和粘胶剂的无树脂高浓度颜料制备物，主要为水性建筑涂料、水性丙烯酸颜料等领域设计。该系列产品以中高档有机颜料和无机颜料为主体，以去离子水为载体，采用不同的非离子或阴离子润湿分散剂分散，通过智能分散研磨工艺制成。






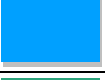


















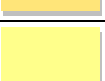



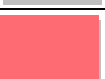




水性经济型“臻彩”型系列色浆颜色丰富涵盖的色域广，着色力高，在绝大多数乳胶漆中表现出的优异的相容性与展色性。同时该系列色浆批次稳定性好，保证客户调色的重现性。性价比高，降低客户的调色成本。

## ○Product introduction:

“Zhencai” series of water-based economical colorants are resin free high concentration pigment preparations without ethylene glycol and adhesives, mainly designed for waterborne architectural coatings, waterborne acrylic pigments and other fields. “Zhencai” series colorants contain organic or inorganic pigment dispersed in the water by nonionic or anionic wetting & dispersing agents and are made by intelligent dispersing & grinding process.

“Zhencai” series of water-based economical colorants cover a wide color range and show excellent compatibility and tinting strength in most latex paints;high cost performance to reduce the cost. Meanwile the batch stability of this series of colorants is good, and the color difference between batches is strictly controlled to ensure the reproducibility of color mixing for customers.

## ○产品参数 Product parameters

产品 Product	原色 TT	浅色 ST 1/25	耐候性 Weather Fastness		耐光性 Light Fastness		耐化学性 Chemical Fastness		耐热性 (°C) Heat Resistance
			原色 TT	浅色 ST 1/25	原色 TT	浅色 ST 1/25	原色 TT	浅色 ST 1/25	
臻彩 30 黑			4-5	4	7-8	7	5	5	200
臻彩 34 蓝			5	5	8	8	5	5	200
臻彩 35 蓝			5	4-5	8	8	5	5	200
臻彩 36 绿			5	4-5	8	7-8	5	5	200
臻彩 05 铁红			5	5	8	8	5	5	200
臻彩 04 铁红			5	5	8	8	5	5	200
臻彩 11 铁红			5	5	8	8	5	5	200
臻彩 01 铁黄			5	5	8	8	5	5	200
臻彩 09 铁黑			5	5	8	8	5	5	200
臻彩 92 橙			5	5	8	7	5	5	200
臻彩 93 紫			5	4	8	7	5	5	200
臻彩 95 深黄			5	5	8	8	5	5	200
臻彩 96 中黄			4	3-4	7	6-7	5	5	160
臻彩 94 嫩黄			5	4-5	8	8	5	5	200
臻彩 99 玫红			5	4-5	8	7-8	5	5	200
臻彩 91 大红			3-4	2-3	7	6	5	5	160
臻彩 98 大红			5	4-5	8	7-8	5	5	200

## 产品特点

## Product features

- ✧ 颜色丰富，色域宽
- ✧ 颜料含量高，着色力强，性价比高
- ✧ 展色性好，与大多数乳胶漆体系相容性好
- ✧ 流动性好，储存稳定性好
- ✧ 不含 APEO，乙二醇，低 VOC
- ✧ 批次间颜色稳定性好，调色重现性好

- ✧ Wide color range
- ✧ High pigment content,tinting strength,cost performance
- ✧ Excellent compatibility with most emulsion system
- ✧ Excellent fluidity and stability
- ✧ Free APEO,free ethylene glycol,low VOC
- ✧ Excellent stability between different batches

## 应用领域

## Applications

主要应用于各种水性乳胶漆，水性丙烯酸颜料画材，水性木制玩具漆，纸张涂布调色。

“Zhencai” series of water-based economical colorants are mainly used for tinting for water-based latex paints,water-based acrylic paint,water-based wood coating,paper coating.

## 性能指标及测试方法

## Performance index and test method

- ✧ TT: 深色，在 1%钛白粉含量的乳胶漆中加入 5% 色浆
- ✧ ST1/25:1/25 深度，DIN53235 标准
- ✧ 耐光性：采用氙灯光源，按照 ISO/105，以蓝羊毛尺 1-8 级来衡量，8 级最好，1 级最差。
- ✧ 耐候性：采用 ATLAS 人工加速老化仪，定时氙灯暴晒和喷水，暴晒 500 小时按照 ISO 灰尺 1-5 级衡量，5 级最好，1 级最差。
- ✧ 耐化学性：按照 GB55211.6-85 颜料耐酸耐碱测定法，以 1-5 级表示，5 级最好，1 级最差。

- ✧ TT:dark color,add 5% colorant to latex paint containing 1%  $\text{TiO}_2$
- ✧ ST 1/25:1/25 depth of color,DIN 53235 standard
- ✧ Light resistance:using xenon light source,according to ISO/105,measured by blue wool ruler 1-8,level 8 is the best,level 1 is the worst
- ✧ Weather resistance:using ATLAS artificial accelerated aging instrument timed xenon lamp exposure and water spraying,exposure for 500 hours,according to ISO gray scale 1-5,level 5 is the best,level 1 is the worst
- ✧ Chemical resistance:according to GB55211.6-85 pigment acid and alkali resistance test method,graded as 1-5,level 5 is the best,level 1 is the worst.

## ○包装及储存

## Package and storage

包装：臻彩系列色浆产品常规包装分别为 20kg, 25kg, 30kg。

Package: the standard package of “zhencai” series of colorants is 20kg,25kg,30kg.

储存：臻彩系列色浆储存温度为 0-40℃，保质期为 18 个月。

Storage: stored above 0℃ and below 40℃,shelf life is 18 months.

## ○色浆使用说明

## Instrcution for colorants selection

- ✧ 使用前必须搅拌均匀，先加入体系中进行相容性实验，确保相容性良好后调色。使用完成后注意密封，放置在通风阴凉处储存，保质期 18 个月。
- ✧ 在调制外墙乳胶漆时，该系列产品中臻彩 96 中黄和臻彩 91 大红仅建议用于深色漆，并建议用量在 3%以上。调制外墙浅色漆时建议使用 BS 系列其它型号色浆。

- ✧ The colorant must be stirred evenly before use, and added into the system for compatibility test to ensure good compatibility before color mixing. After use, it should be sealed and stored in a ventilated and cool place with a shelf life of 18 months.
- ✧ When preparing exterior latex paint, zhencai 96 yellow and zhencai 91 red are only recommended for dark paint, and the recommended dosage is more than 3%. It is recommended to use other colorants of BS series when preparing light color paint for exterior walls.

由于我们无法了解客户的实际使用情况和工艺过程，所以对于我公司产品的应用所做的推测，均基于我们目前对该产品的认识。希望您在使用产品前，应采取适当的措施以保证我们的产品能满足您的用途。

Since we can't understand the actual use and process of our customers, we speculate about the application of our products based on our current understanding of the product. We hope that you should take appropriate measures to ensure that our products can meet your needs before using them.