

水性无机涂料用 SI 系列色浆

SI series of water-based colorants for inorganic coating

秧浦色彩科技 有您更精彩

○产品说明:

SI 系列水性色浆为高性能无机颜料的制备物，主要为无机硅酸盐体系设计。该系列产品以高档无机颜料为主体，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。





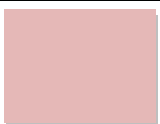


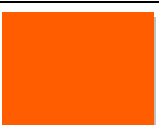




SI 系列水性色浆耐碱性能优异，强碱体系中稳定性好；选用无机颜料，耐候性能优异；体系中有机物含量低，对无机涂料体系中的有机物含量贡献不大；对环境友好，VOC 含量极低，重金属含量符合国家相关标准要求。

○Product introduction:

SI series of water-based colorants are pigment preparations mainly designed for waterborne inorganic silicate system. The series of 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.

SI series of water-based colorants have excellent alkali resistance and good stability in strong alkali system and excellent weather resistance; have low content of organic compound. The products are environmentally friendly with very low VOC content and heavy metal content complying with relevant national standards.

○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	
			原色 TT	浅色 ST 1/25	原色 TT	浅色 ST 1/25	原色 TT	浅色 ST 1/25
SI 9609 铁黑			5	5	8	8	5	5
SI 9500 黑			5	5	8	8	5	5
SI 9605 铁红			5	5	8	8	5	5
SI RA11A 铁红			5	5	8	8	5	5
SI 9610 铁黄			5	5	8	8	5	5
SI 9370 橙			5	5	8	8	5	5
SI 9184 嫩黄			5	5	8	8	5	5
SI 9028 钴蓝			5	5	8	8	5	5
SI 9050 钴绿			5	5	8	8	5	5
SI 9475 绿松石			5	5	8	8	5	5

产品特点

Product features

- ✧ 耐碱性能优异，强碱体系中稳定性好
- ✧ 选用无机颜料，耐候性能优异
- ✧ 体系中有机物含量低，对无机涂料体系中的有机物含量贡献不大
- ✧ 对环境友好，VOC 含量极低，重金属含量符合国家相关标准要求

- ✧ Excellent alkali resistance and good stability in strong alkali system
- ✧ Excellent weather resistance
- ✧ Low content of organic compound
- ✧ Eco-friendly,very low VOC,heavy metal content complying with relevant national standards

应用领域

Applications

主要应用于无机硅酸盐涂料体系。

SI series of water-based colorants are mainly designed for waterborne inorganic silicate system.

性能指标及测试方法

Performance index and test method

- ✧ TT: 深色，在 1%钛白粉含量的体系中加入 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 the system containing 1% 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：SI 系列色浆产品常规包装分别为 5kg，20kg，25kg。

Package: the standard package of SI series of colorants is 5kg,20kg,25kg.

储存：SI 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。

✧ 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.

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.