

OEW®EP99 水性底漆

OEW®EP99 WATERBORNE PRIMER

产品概述

PRODUCT DESCRIPTION

本产品为水性双组份环氧底漆。A组份由水性环氧乳液、防锈颜料、助剂、水等组成，B组份由水可分散性改性聚酯胺、助溶剂、助剂等组成。本产品具有良好的机械性能，耐化学品性，并且对金属底材具有优异的防腐性能，适用于有防腐需要的汽车、工程机械、轨道交通的涂装。

This product is waterborne two-component epoxy primer. A component is composed of waterborne epoxy emulsion, anti-rust pigment, additives, water and so on. The B component is composed of water dispersible modified polyamide, solvent, additives, etc. This product has good mechanical properties, chemical resistance, and has excellent corrosion resistance to the metal substrate, suitable for anti-rust corrosion needs of automobiles, engineering machinery, rail locomotive coating.

产品特点

ADVANTAGES

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. 以水作稀释剂，健康环保无污染。 2. 属于非燃非爆物品，生产、使用、运输、贮存安全。 3. 在钢材、铝材、玻璃等各种底材上附着力好。 4. 防锈能力强，耐盐雾性高。 5. 施工性能好，工具可以用水清洗。 | <ol style="list-style-type: none"> 1. With water as diluent, health and environmental pollution. 2. Belong to non-combustible nor explosive items, production, use, transportation, storage safety. 3. In steel, aluminum, glass and other substrates on the adhesion. 4. Rust resistance, high salt fog resistance. 5. Good construction performance, tools can be cleaned with water. |
|--|--|

产品应用领域

TYPICAL USES

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. 轨道交通车辆：高铁、动车、铁路客车、地铁轻轨。 2. 客车（大型、中型、小型）。 3. 新能源车：新能源大中轻型客车，新能源汽车。 | <ol style="list-style-type: none"> 1. Rail transport vehicles: high-speed rail, motor vehicles, railway passenger cars, subway light rail. 2. Passenger cars (large, medium, small). 3. New energy vehicles: new energy medium and large light buses, new energy vehicles. |
|--|---|

使用方法

USAGE METHOD

1. 所有待涂装表面应当清洁、干燥且无污物，表面应当按照国际标准ISO 8504进行评估和处理。
底材处理：表面除油后，可通过打磨、喷砂、抛丸等工艺将底材表面粗糙度处理至 > Sa2.5级（ISO 8501-1:2007）或在维护时采用超高压喷射水处理至WJ2（NACE No. 5/SSPC-SP12）。
 2. 使用该系统涂料前应将组份A（基料）搅拌均匀，然后再按标签上的配漆比例，将组份B（固化剂）加入组份中，充分搅拌均匀，再加入适量水调至施工粘度。
 3. 再配好的底漆用120-200目的滤网过滤，注意漆料一定要在规定的时间内用完（2h-3h），规定时间内未用完的漆料不能倒回原桶。
 4. 检查喷枪、用料、温度（15-35℃）、湿度（40-85%）、风速（0.3-1.0m/s）及空气质量，排尽油水分离器中的油、水。
 5. 建议喷涂2-3道，间隔时间为5-10分钟，干膜厚度约50-80 μm。
 6. 漆膜可24小时内自然干燥或流平3-5分钟后强制（80-90℃）干燥。
 7. 施工时严禁与其他涂料及有机溶剂混合以防变质。
 8. 施工结束后，所用器具应立即用清水冲洗干净。
1. All surfaces to be painted shall be clean, dry and free of dirt, the surface shall be evaluated and treated in accordance with international standard ISO 8504.
Surface treatment: surface degreasing through grinding, sandblasting, shot blasting process of the substrate surface roughness treatment to more than Sa2.5 level (ISO 8501-1:2007) or by ultra-high pressure water jet treatment in maintenance to WJ2 (NACE No. 5/SSPC-SP12).
2. The use of the series of paint should be the component A (base material) mixing evenly, and then according to the label on the proportion of paint, the component B (curing agent) into the component, fully mixing evenly, and then add appropriate amount of water to construction viscosity.
3. Prepared by 120-200 primer to filter, note paint must be used within a specified time (2h-3h), did not run out of time not back to the original paint bucket.
4. Check the spray gun, material, temperature (15-35°C), humidity (40-85%), wind speed (0.3-1.0m/s) and air quality, drain oil and water separator.
5. Recommended spraying 2-3, interval of 5-10 minutes, dry film thickness of about 50-80 μm.
6. Paint film can be dry within 24 hours or flow 3-5 minutes after the mandatory (80-90 °C) drying.
7. Construction is strictly prohibited and other coatings and organic solvents to prevent deterioration.
8. After the completion of the construction, the equipment should be immediately washed with clean water.

包装及贮存与运输

PACKAGING AND STORAGE AND TRANSPORTATION

A组份：5KG/罐，25KG/桶，包装材料为塑料材质。 B组份：1KG/罐，4KG/桶，包装材料为塑料材质。
必需按照国家规定贮存，贮存环境干燥、阴凉、通风良好并避开热源和火源。包装容器必须保持密闭并避免冻结。
贮存：5-35℃时，保质期为6个月。超过保质期后使用需重新检查确认。

A components: 5KG/cans, 25KG/barrels, packaging materials for plastic materials. B components: 1KG/cans, 4KG/barrels, packaging materials for plastic materials.
Must be stored in accordance with national regulations, storage environment is dry, cool, well ventilated and avoid heat and fire. The container must be kept closed and frozen.
Storage: 5-35°C, shelf life of 6 months. More than the shelf life after the need to recheck and confirm.

主要技术指标

MAIN TECHNICAL INDEX

序号/No	项目/Items	技术指标/Technical index	试验方法/Test method	检测结果/Detection result
1	涂料颜色及外观 Pigment and appearance	搅拌均匀呈均匀状态 After mixing evenly	目测 Visual	符合 Accord with
2	不挥发物含量 Nonvolatiles content	≥60	GB/T 1725	61.3
3	细度/μm Fineness/μm	≤40	GB/T 6753.4	35
4	适用期/h Applicable period/h	≥4	TB/T 2260	4
5	表干 Tack-free	≤4		0.5
6	干燥时间/h Drying time/h	实干 Practical ≤24	GB/T 1728	20
7	漆膜颜色外观 Color appearance	符合颜色要求，表面色调均匀一致，无颗粒、针孔、起泡、皱纹。 The color appearance of the paint film meets the requirements of the color and the surface color is uniform, no particle, pinhole, blistering and wrinkling	目测 Visual	符合 Accord with
8	划格试验/级 Grid test/level	≤1	GB/T 9286	0
9	耐冲击性/kg·cm Impact resistance/kg·cm	>60	GB/T 1732	60
10	弯曲性能/mm Bending properties/mm	≤2	GB/T 6742	1
11	杯突试验/mm Cupping test/mm	≥4	GB/T 9753	5.0
12	耐盐雾性（500h） Salt spray resistance (500h)	板面无起泡、不生锈；划痕处锈蚀宽度≤2mm The surface blister, no rust; row/mark corrosion width is less than or equal to 2mm	GB/T 1771	700h

安全事项及声明

SAFETY MATTERS AND DECLARATIONS

施工现场应保持良好通风，施工者须穿戴劳动防护用品。
已固化的产品按建筑废物处理，没有固化的材料须按照地方规定处理。
声明：本产品的资料和数据，仅作为我司的建议提供客户在使用产品时参考，我司将根据产品的持续改进进行修改。虽然我们努力确保提供的建议正确无误，但在实际使用中因基材、施工环境、人为等众多因素均在我们的控制范围之外，因此，我司负责相关产品本身的质量承诺。
The construction site should be well ventilated, the construction workers must wear labor protection products.
Cured products by construction waste treatment. Materials that are not cured should be treated in accordance with local regulations.
Disclaimer: the information and data of this product is only used as a reference for our customers in the use of products, we will continue to improve the product according to the modified. Although we strive to ensure that the recommendations are provided in fact, due to the use of materials, construction environment, and many other factors are in the scope of our control, therefore, I am responsible for the quality of the product itself commitment.