

TECHNICAL DATA SHEET

Rosin Modified Concrete Air Entraining Agent

Product model
SE-V



Technical index	
Appearance	Reddish brown clear liquid
Density(g/cm')	1.06±0.02
PH value	8.0±1.0
Viscosity(20° C)	130+50
Refractometer reading	36.0±1.0

Features and uses

1. This product is an air-entraining agent specially developed for concrete and concrete admixtures by our company's R&D team combined with many years of concrete experience. It has been optimized through a large number of R&D tests and data and is an air-entraining agent with great practical value. agent. 2. This product is suitable for the compounding of various water-reducing agent products such as polycarboxylic acid, naphthalene sulfonate, sulfamate, aliphatic, melamine, lignin, etc., and is used in the production of ordinary concrete and special concrete. . 3. This air-entraining agent can also be directly used in concrete that requires the addition of separate air-entraining agents during construction processes such as water conservancy and high-speed rail, especially in low-slump roller compacted dry-hard concrete that requires air-entraining to achieve a qualified water reduction rate. Adjustment of the additive product, in order to ensure accurate measurement, it needs to be diluted with appropriate water when added to this type of concrete. 4. It has a good slurry lifting effect in concrete environments with complex changes in floor materials and poor fine aggregate gradation, and has little impact on the bulk density of concrete. The richness of the concrete slurry after the loss of concrete pitch is higher than that in the market. The air-entraining agent developed by Shangfei Concrete Team is good. 5. In comparative tests with competing products, the strength of this air-entraining agent is generally 2MPa higher than that of competing products under the same air content. This performance is an obvious advantage. 6. This air-entraining agent is significantly more effective than competing air-entraining agents in concrete that bleeds yellow slurry and water in southern China. 7. Subvert the traditional belief among practitioners that the longer the soaking time in water is, the better the foaming performance in concrete will be.

Recommended usage and dosage (taking 2.0% admixture as an example)

1. When conventional ordinary admixtures are used to improve the fluidity of concrete and increase the concrete ball effect, the usual dosage is 0.3-0.8 kg per ton of admixtures. 2. The dosage in concrete with unshaped sand particles such as coal gangue, tailings sand, weathered sand, shale machine-made sand, granite, etc. is usually 0.6-1 kg. 3. It is used to improve the fluidity and viscosity of machine-made sand concrete with high stone powder content. It is recommended to use 0.8 kg for the first test verification in the initial test, and then adjust according to the actual situation of the concrete mixture. 4. In special tailings sand or manufactured sand with high oil content, if the workability of the concrete is not good, the dosage can be appropriately increased to more than 2 kg to adjust the concrete state that suits you, but while increasing the dosage, Be sure to check the concrete bulk density index at the same time to prevent over-mixing. 5. All recommended usage and dosage are conventional dosages. Unconventional dosages must be determined through experiments. If used alone in concrete, it is recommended to add 1-3 kg to each cubic meter of concrete after diluting 1:200 with water and determine the specific amount in the mix ratio through testing.

Packaging specifications

The packaging of this product:
50kg small barrels,
200kg chemical blue barrel,
1000 kg IBC ton barrel.



50kg



200kg



1000kg/IBC

Storage conditions and precautions

1. Store in an environment of 0-40°C, avoid direct sunlight. The shelf life is 1 year. Products that have exceeded the shelf life can only be used after passing the test. 2. If there is direct contact with the skin during use of this product, just rinse with clean water. If it accidentally enters the eyes, mouth, nose, etc., please wash it in time and follow the doctor's advice.