

LONGYAN HUISINS CHEMICAL INTERNATIONAL LIMITED

TDS (Technical Data Sheet)

P/N: Epoxy Coating No.1
Name: Epoxy Coating HP6303K

Customer: N/A
Customer P/N: N/A
Customer Desc: N/A

Drafted By: Kit ZENG
Approved By: Sha LIU

Version History

Rev.	Status	Revision Description	Author/Approved	Date
A	Approved	Initial Release	Sha LIU	2016-01-18

Product Name: Epoxy Coating

Model: HP6303K

Description

Composition	A two-component coating consisting of E51 epoxy resin and modified aromatic amine curing agents.
Curing method	Normal temperature curing, 0-35 °C.
Application	High permeability primer for cement substrate.
Features	It has good sealing and permeability, and plays a good role in reinforcing and sealing the concrete base.
Package	Main agent 20kg curing agent 9kg, ratio 1:1.
Range of use	The main design is applied to the concrete substrate, which plays the role of good penetration, sealing pores and strengthening cement.

Material base data (25°C, 60%RH)

	Main Agent	Curing Agent
Appearance	Colorless transparent liquid	Light Yellow transparent liquid
Smell	Slightly stimulating odor	Pungent amine odor
Chemical components	Epoxy series	Modified aromatic amine
Viscosity25°C	550MPa	350MPaS
Proportion25°C	1.01	0.98
Solid content	92%	65%
VOC	10	0

Mixed material Data (25°C, 60%RH)

Viscosity of mixed25°C: 150MPaS

Mixing proportion25°C :1.01

Potlife20°C: 20min

Dry time: 3hr

Hard drying time: 20hr

Recoat time: 3hr

Operation time and temperature relation

10°C	20°C	30°C
2hr	60min	40min

Material physical properties after curing

Adhesion with epoxy primer	3MPa
Alkali resistant 20% sodium hydroxide	No blistering, no discoloration

Attention:

Construction prohibited when humidity is greater than 90%RH;

Ensure that the concrete reaches the maintenance standard and the moisture content is lower than 8% before construction carried out;

The concrete foundation must be polished and cleaned thoroughly before construction carried out;

The reaction is very fast, After stirring, all must be poured on the ground to prevent the heat from melting in the bucket.

User's guidance:

Mix the two ingredients strictly in proportion and stir well; short-stem roller or Trowel construction;

Coating amount controlled by 0.1-0.15kg/m².

Storage/Shelf Life: Ideal storage condition is 0-35°C in cool and dry place, avoid direct sunlight. / One year