



VIJ20558D

Phenalkamine Curing Agents

TECHNICAL DATASHEET

VIJ 20558D is low viscosity, solvent free Phenalkamine curing agent for protective epoxy coating on metal and concrete substrates. It offers fast curing, good chemical resistance and excellent adhesion on wet or unprepared surface. It can be also applied on concrete.

Property	Typical Value
Appearance	Dark Brown Liquid
Color (Gardner)	18 – 20
Viscosity at 25°C (cPs)	800 – 2000
Amine value (mgKOH/g)	340 – 400
AHEW	95
Volatile Loss	solvent free
Recommended Use Level (EEW 190)	100:50

* Tested at recommended phr with liquid epoxy resin EEW equal to 190

PERFORMANCE PARAMETER

Parameter	Observation
VIJ20558D	
Liquid Epoxy resin (EEW190)	100 gm
Hardener VIJ20558D	50 gm
Gel time at 25° C	22 to 26 minutes
Hard dry time at 25 °C	4 hours
Appearance of the surfaces	clear film with high gloss

APPLICATIONS

For further information contact



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VIJAI POLY PRODUCTS PVT. LTD.

1. VIJ 20558D can be used for solvent free surface tolerant coating on metal as well as concrete as dark colored primer coat.
2. It is usable as construction chemical for various applications.
3. It can be used for marine & industrial maintenance.

SAFETY PRECAUTIONS

Please refer to the material data sheet (MSDS).

STABILITY AND STORAGE

Phenalkamine may absorb moisture and carbon dioxide when left in open container, which could result in increased viscosity, discoloration, reduction of reactivity, and/or crystallization of the products. This product should be kept tightly sealed in their original container when not in use, and store in a cold, dry place. Expiry of the products is six months from the date of manufacture.

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