

# SWANCOR 983-M

Promoted iron material primer vinyl ester resin



SWANCOR 983-M is kind of modified ethyl ester resin with high toughness and vinyl resin physical property. The advantages of vinyl resin as follow:

1. Under the metal substrate, the superior strength and toughness are displayed.
2. Better chemical resistance than bisphenol A type vinyl ester resin.
3. It is thixotropic type resin, easy for operation.
4. Better abrasive resistance than normal vinyl ester resin.

## Property

Appearance: Brown translucent layered fluid.

Gel time: 20-30min (according to customer requirement below 10°C, 55%MEKPO 3 hour, 11-19°C 55%MEKPO 1.5 hour, above 20°C 55%MEKPO 1.2 hour.

Suitable substrate: iron

Storage period: 2 month (below 25°C)

Bonding strength: ASTM D1002, test rate: 5mm/min

Iron: 130kg/m<sup>2</sup>

Notes :

The iron material needs to be treated with sand blasting surface to meet the Sa 2 1/2 level.

Sample processing: hardening 24h in room temperature, then hardened in 105°C for 2 hours.

## Package store and operation

SWANCOR 983-M is filled with 5 gallons metal barrel, 20kg/barrel.

Please stored under shelter, please open barrel cover and fill with air for prolong storage period if has been stored for long time.

Gel time is mainly affected by curing agent concentration and temperature, because of the difference of hardener, humidity, paint filler and other additives will affect the hardening characteristics, therefore it is recommended to use this product, the operator to set best operating conditions with a small test first hardening properties

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