

PPG PITT-CHAR® NX

MISL

PPG PITT-CHAR® NX

▶ What is Pitt-char NX?

- ❑ It is a two-component, 100% solids, flexible, epoxy intumescent fire protective coating.
- ❑ It is used in industries such as oil & gas, chemicals, energy, transportation and defense that potentially involve major accident hazards including explosions.
- ❑ It is also used for hydrocarbon jet and pool fires and compatible with Cryogenic Spill Protection systems.

PPG PITT-CHAR® NX

▶ PRINCIPAL CHARACTERISTICS

- ❑ Provides passive fire protection to structures, divisions (decks, bulkheads and firewalls), process vessels, pipework and equipment which are safety critical.
- ❑ Highly durable, epoxy intumescent coating that provides excellent corrosion protection.
- ❑ Suitable for use in offshore and onshore environments with corrosivity categories of C5 and CX (offshore).

PPG PITT-CHAR® NX

▶ PRINCIPAL CHARACTERISTICS

- ❑ Suitable for substrates including aluminum, carbon steel, galvanized steel, stainless/duplex steels and composites.
- ❑ Resistant to the damage from vibration, abrasion, impact and from deflection of structures during fabrication, transportation, extreme loading conditions and low temperature .
- ❑ Withstands vapor cloud explosion events including blast over-pressure, drag and secondary projectile impact forces
- ❑ Operating Temperature Limits: -40°C (-40°F) to +80°C (176 °F) continuous.

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▶ APPLICATIONS

- ❑ FIRE PROTECTION
- ❑ INFRASTRUCTURE & RAIL
- ❑ MINING
- ❑ NEW BUILD
- ❑ OIL, GAS & CHEMICAL
- ❑ POWER
- ❑ BRIDGES
- ❑ CHEMICAL & PETROCHEMICAL
- ❑ FOSSIL
- ❑ HYDROCARBON PASSIVE FIRE PROTECTION
- ❑ OFFSHORE
- ❑ RAIL
- ❑ WIND

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▶ BASIC DATA

- ❑ NUMBER OF COMPONENTS
 - ❑ 2
- ❑ DRY TIME
 - ❑ 3 hour at 30 Degree Celsius
- ❑ CURING TIME
 - ❑ 3 days at 30 Degree Celsius
- ❑ SHELF LIFE
 - ❑ 24 MONTHS

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► INSTRUCTION FOR USE

- ❑ Pitt-char NX can be done by using the following methods
 - ❑ Airless Spray - Heated Plural Component (Preferred)
 - ❑ Airless Spray - Single Feed Pump
 - ❑ Trowel

THANK YOU!

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