

Arenzano, February the 24th 2017

To whom it may concern

HYDROGUARD Novolac is a waterbased two-component phenol-epoxy paint formulated with third generation novolac resins and modified nucleophile hardener.

HYDROGUARD Novolac is different from the similar solvent based products for unique and innovative features obtained using, in its formulation, a combination of raw materials among the most technologically cutting-edge, carefully selected through a global research lasted over four years.

FAST DRYING

HYDROGUARD Novolac is different from the similar solvent based products for fast drying to the touch (1,5 hours at 20°C as compared to the 4-5 hours of similar solvent based products) and for the possibility of being overcoated with itself within short time limits (6 hours at 20°C as compared to the 10-16 hours of similar solvent based products).

OVERCOATING WITH NO TIME LIMITS

HYDROGUARD Novolac is different from the similar solvent based products for the possibility of being overcoated with itself, once the usual cleaning measures are adopted, with no time limits (contrary to the similar solvent based products that have maximum overcoating times of 3-7 days at 20-25°C)

NON FLAMMABILITY

HYDROGUARD Novolac is different from the similar solvent based products for absence of smell, dilution exclusively made with fresh water and, most of all, absence of flammable organic solvents. This peculiarity allows a safe use of the product in situations and environments with a high risk of blazes and/or explosions (e. g. refineries).

LOW (VOC - Volatile Organic Compounds) EMISSION AND HIGH THICKNESS PER LAYER

HYDROGUARD Novolac allows a low SOV (volatile organic substances) emission (max 50 grams/litre vs. 340-370 of the similar solvent based products) during application and the achievement of high dry film thickness (up to 200 microns per layer).

CHEMICAL RESISTANCE IN TEMPERATURE

HYDROGUARD Novolac represents the most updated answer to the request of using eco-friendly protective products for carbon steel and stainless steel structures (pipes, tanks, etc.) with exposure to a wide range of highly corrosive environments.

HYDROGUARD Novolac can be applied on exterior and non insulated structures subject to operative temperatures up to 240°C.

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