

Duramastic ZP

PRODUCT DESCRIPTION : Duramastic ZP is two-pack surface tolerant, high solids zinc phosphate epoxy-based coating in which may be applied in high film thickness.

RECOMMENDED USE : As primer / build coat over steel for used in industries, marine and off-shore environment.

TECHNICAL INFORMATION

Colours : Limited range
 Solids (% by volume) : 78 (+-) 2
 Specific gravity : 1.5
 Flash point : 35 Deg C (+-) 2 (Setaflash)
 Flexibility : Good
 Gloss : Flat
 Gloss resistance : Fair
 Water resistance : Good
 Chemical resistance : Good
 Solvent resistance : Good
 Abrasion resistance : Very good

	Film thickness per coat in microns		Theoretical spreading rate sqm/lit
	Dry	Wet	
Application range	100 - 300	130 - 385	7.8 - 2.6
Typical	125	160	6.2

APPLICATION DATA

Application methods : Airless sprauy. Brush or roller may be used for smaller areas.
 Mixing ratio (by volume) : 7 parts Component A ; 1 part Component B
 Mixing : 15 min prior to use
 Pot life (23 Deg C) : 2 hours (reduced at higher temperatures)
 Thinner/Cleaner : Jotun Thinner No. 17
 Guiding data airless spray
 Pressure at nozzle : 15 Mpa (150kp/cm sq, 2100 psi)
 Nozzle tip : 0.58 - 0.79mm (0.23 - 0.0031")
 Spray angle : 40 - 80 Deg
 Filter : Check to ensure that filters are clean

SURFACE PREPARATION : Power tool cleaning to min St2 (ISO 8501-1:1988/SS 05 5900). Improved surface treatment will improve the performance. When used over old coating systems, the surface must be clean and dry.

CONDITION DURING APPLICATION : The temperature of the substrate must be min. 5 Deg C and at least 3 Deg C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. When used in confined spaces, good ventilation is necessary. Do not used heated air until the solvents have evaporated from the paint film to avoid surface drying and solvent entrapment. Duramastic ZP should not be exposed to mechanical strain before being fully cured.

