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PENDONG
BUILT FOR THE TOUGHEST ENVIRONMENTS

TECHNICAL DATA SHEET   P522

V1-18/05/2024   **HI-FLO 500E**

DESCRIPTION
P522 is a highly glass flake filled, solvent free epoxy coating designed to increase the performance of pumping systems with an ultra-high gloss surface finish that improves fluid flow.

PROPERTIES
- Good Chemical Resistance
- Good Abrasion Resistance
- Good Erosion Resistance
- Excellent Corrosion Resistance
- Friction Reducing
- Very Low Permeability
- Very Good Application Properties
- Solvent Free

RECOMMENDED AREAS FOR USE
Cooling water systems, power generation, water and waste treatment plants, irrigation pumps and filters.

COLOUR	: Transparent Blue
Nº. OF COMPONENTS	: 2
MIXING RATIO (WEIGHT)	: 2 : 1
CONSISTENCY	: Thick Liquid
VOLUME SOLIDS	: 100%
MIXED DENSITY	: 1.19
PRACTICAL SPREAD RATES	: 2m²/ℓ
DRY FILM THICKNESS (PER COAT)	: 500µm
POT LIFE @ 25ºC	: 30 min
TOUCH DRY @ 25ºC	: 4 hrs
HARD DRY @ 25ºC	: 24 hrs
OVERCOATING TIMES	: Min: 6 hrs
	: Max: 24 hrs
FULL CURE	: 7 days
APPLICATION TEMPERATURE	: 10 to 40ºC
OPERATING TEMPERATURE	: -20ºC to +60ºC
CLEANING SOLVENT	: Epoxy Thinners
RECOMMENDED NO. OF COATS	: 2 - 3
STORAGE TEMPERATURE	: 10 to 40ºC
SHELF LIFE	: 12 months
PACK SIZE	: 3 & 15kg

CHEMICAL RESISTANCE
Resistant to most dilute acids & alkalis, petroleum products & salt water.

SURFACE PREPARATION
All surfaces must be clean, mechanically sound and free of oil, dirt & dust. Grit-blast to Sa2½ (ISO 8501-1:1988) with a minimum angular profile of 75µm.
Ensure soluble salts are removed by high pressure washing with Holdtight 102 or equivalent.

APPLICATION
Application by brush, roller or spray.
Apply 2 - 3 coats of P522 @ 500µm DFT/coat.

TOXICITY
Please read instructions on container. Avoid skin contact, do not inhale vapours.
SKIN: Wash well with soap & water.
EYES: Flush with water & immediately seek medical attention.
Read the 16-point Material Safety Data Sheet.

HOW TO SPECIFY
All surfaces to be prepared and coated with P522 in accordance with the manufacturer's instructions.