

Vpocoat 200 HB

Vpocoat 200 HB, based on epoxy resin and cyclo aliphatic amine curing agent, has high-build excellent durability and adhesion properties, toughness, impact and abrasion resistance (excellent chemical resistance for low-yellowing floor), and it has higher flexibility than similar products. Vpocoat PMB 61 is suitable as a finish coat for protection of concrete, bridges, and steel structure.

Technical Information

Type	Epoxy / cyclo aliphatic amine for concrete, steel, wood coat				
Recommended Use	Used for primer or finishing coat. Also modified for epoxy mortar, multilayer and combined with fiber glass layer. Suitable for steel, exposed concrete, ceiling and another concrete area. Suitable for concentrate chemical area.				
Mixing Ratio	Base : Hardener : Filler = 10 : 5 : 0 -15 (by weight)				
Color	RAL6002, 6021, 7035, 7001, 1002, 7032 and clear resin.				
Flash Point	Base = 150°C		Hardener = 40°C		
Solid by Volume	100%				
Coverage (Theoretical)	120-250 grams/thickness				
Wet Film Thickness	150-200 microns /by roller				
Dry Film Thickness	150-200 microns /by roller				
Drying Time (at D.F.T 100 microns)	Temperature	5° C	10° C	20° C	30° C
	Surface Dry	12 hrs.	8 hrs.	6 hrs.	4 hrs.
	Hard Dry	72 hrs.	36 hrs.	24 hrs.	12 hrs.
Painting treval working time after mix (at 1500.00 grams)	Minimum	12 hrs.	8 hrs.	6 hrs.	4 hrs.
		60 min.	30 min.	15 min.	10 min.
Thinner	Solvent free				
Method of Application	Roller ,Brush , steel trowel ,Airless spray				
Conditions of Application For Airless spray *	Temperature	Minimum 5° C			
	Humidity	Maximum 85%R.H.			
	Tip No.	GRACO 621,623			
	Paint output pressure	1.5 - 1.8 Mpa.			
	Viscosity	1.0 - 1.5 Pa.s			
	Thinning	0 - 15 % by volume			
Preferble Preceding Coats	VpoCoat 001, VpoCoat 010,Vpocoat 200 HB				
Preferable Subsequent Coats	Vpocoat SL 2000 HCR ,Vpocoat PMB 61,Vpocoat 200 HB				
Packaging	Two pack product per set ; Part A 5 , 10 , 20 kgs. : Part B 2.5 , 5 , 10 kgs.				

Physical property

Compressive strength (kg/cm ²)	750
Tensile strength (kg/cm ²)	350
Bending strength (kg/cm ²)	120
Bonding strength (kg/cm ²)	35

Chemical resistance

