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Tapecoat®

Technical Data Sheet

DESCRIPTION

Tapecoat Color Coat is a 60 mil VOC Exempt, UV resistant, cold applied, self hardening, wax based tape designed to protect piping and metal structures from damage and deterioration caused by corrosion. These multi-environment coatings are appropriate for use above or below grade, in dry, damp or wet operating conditions. The Color Coat encapsulates the surface in order to protect it, this allows for easy inspection of the substrate and repair of the coating. The tape is used with the Color Coat Primer which completely wets out the substrate surface and displaces any moisture.

Color Coat is durable, aesthetically pleasing and available in a wide variety of colors including a full range of Safety Code colors. These colors include Gray, White, Yellow, Blue, Green, Red and Black.

Tapecoat Color Coat contains non-toxic additives and meets the fire resistance requirements of BS 476 Part 7 and GB 8624.

SUBSTRATE COMPATIBILITY

Steel, Stainless Steel, Ductile Iron, Other Metals, FBE, PE, PP, Concrete

RECOMMENDED USE

Ideal for protecting structures such as bridge crossings, riser pipe, flanges, valves, and all types of piping and metal structures. Especially suited for vaults and close quarter applications because it is virtually odorless.

SURFACE PREPARATION

SSPC SP-2 Hand Tool Cleaning, SSPC SP-3 Power Tool Cleaning or SSPC SP-6/ NACE No. 3 Commercial Blast Cleaning

PRIMER

Tapecoat Color Coat requires a primer to ensure maximum effectiveness of the system. Apply a minimum of 4 mils of Tapecoat Color Coat Primer using a gloved hand or by mechanical means. The Color Coat can be applied immediately following the primer application.

OPTIONAL OUTERWRAP

For increased abrasion resistance the Color Coat can be wrapped with Tapecoat Rugged Wrap. This coating is a fiberglass saturated with a moisture curing urethane. When activated with water the Rugged Wrap forms a hard, UV resistant shell protecting. Rugged Wrap is available in the same colors as the Color Coat.

REFERENCE

Color Coat and the Color Coat Primer together meet all of the performance criteria listed in the most recent revisions of:

    NACE RP0375 (Cold-Applied Wax-Tape Coating System)
    ANSI/AWWA C217

SAFETY

Refer to Material Safety Data Sheet: MSDS-Color Coat

APPLICATION

Refer to Application Guidelines: AG-COLD-APPLIED-PET-WAX-TAPES

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COLOR COAT TYPICAL DATA

Property	US Customary	Metric	Test Method
Total Thickness	60 mils	1.52 mm	ASTM D1000
Cathodic Disbondment, 30 days	<0.2 in^2	<5 mm radius	ASTM G8
Dielectric Strength	Exceeds 12 kV	Exceeds 12 KV	ASTM D149
Water Vapor Transmission Rate	<0.01 g/(24h*100 in^2)	<0.05 g/(h*m^2)	ASTM E96 Procedure B
Chemical Resistance (Vapor Phase)	Pass	Pass	ASTM G20
Odor	None	None	ASTM D6165 ASTM D1296
Accelerated Weather Resistance	Pass	Pass	ASTM D5894 Modified
Fire Resistance — Surface Spread of Flame	Class 2Y Class E	Class 2Y Class E	BS 476 Part 7 GB 8624
Leachable Chlorides	None	None	
Service Temperature Range	-20°F to 160°F	-29°C to 71°C	

COLOR COAT PRIMER TYPICAL DATA

Property	US Customary	Metric	Test Method
Color	White	White	
Components	Petrolatum/Wax Blend	Petrolatum/Wax Blend	
VOC Content	0 lb/gal	0 g/l	ASTM D3960
Service Temperature Range	-20°F to 160°F	-29°C to 71°C	

ORDERING INFORMATION

Color Coat

Roll Size	Rolls Per Case
2" x 12.5'	24
4" x 25'	6
6" x 25'	4

CASE PACKAGING
0.5 SQ (50 ft^2) per case
Case Weight: 15 lbs

Color Coat Primer

Container Size	Containers Per Case	Weight
1 Gallon	4	45# per Case