

Pipe-kote Coal Tar Tape & Primer

UG PIPELINE / TANKS / UG METAL SURFACE

Description

It is a hot applied coal tar tape for UG pipelines. It is manufactured as per AWWA-C-203 & IS 10221 specification with special plasticized coal tar enamel, sandwiching tough fiber glass fabric with thermo HMDPE film on both side, which provides high anticorrosive protection to the pipe lines.

Pipe Kote Primer- Type B- All season synthetic primer : It is a chlorinated based synthetic primer modified & adjusted with plasticizers & stabilizers in a blend of special solvents. It is compatible with our Tape & it is free flowing & fast drying. It provides excellent bonding with the metallic surface & the coating. It confirms to AWWA-C-203 & IS 10221, BS 4164 standards.

Use

It is used to protect UG or submerged metal surface from corrosion & electrolysis in oil, gas, water, sewage, fire hydrant, pipe lines & pipe joints, fitting, couplings, UG tanks, structures.

Advantages

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|---------------------------------------|-------------------------------------|
| 1. Ease of application with low cost. | 5. Cathodic Disbondment resistance. |
| 2. Good resistance to abrasion | 6. Water & electrical resistance. |
| 3. Excellent adhesion | 7. Uniform coating thickness |
| 4. Resistant | |

Application Methodology

Primer Consumption Ratio - 1 Litre = 6 Sq. Mtr.

The surface of pipe must be cleaned thoroughly by sand blasting or wire brushing & must ensure free of dirt, grease, oil, dust, scale or other foreign matter. It must be also thoroughly dried before application of primer. Primer should be stirred thoroughly before application & should be applied by brush or spray, immediately after cleaning with a coat of 25 dft. Take the Tape rolls out of the store & leave for at least 30 minutes before application, then the Tape is warmed on the side, removing films with blow torch to soften the coating compound. The Tape shall then wrap on primed pipe surface, while maintaining tension to avoid air pockets. An overlap of 12.5 MM is recommended for single wrapping. White wash after application is recommended to avoid strong sun & UV rays.

Technical Characteristics

TECHNICAL CHARACTERISTICS FOR PIPE KOTE COAL TAR TAPE

CHARACTERISTIC	AWWA-C-203 & IS 10221
Softening Point, °C	65-121
Needle Penetration at (25°C/100g/5sec)	3-20
Filter Content, w/w%	20-30
Thickness, MM	1.25 to 4.00
Film Separator -um	0.50 Max.
Width Deviation, mm	1.5 Max.
Adhesion Test, Below 27°C	Pass
Holiday Test	Pass
Service Temperature	50°C
Breaking Strength in Longitudnal Direction, N/mm	2MM=3/ 3MM=4 /4MM=5

TECHNICAL CHARACTERISTICS FOR PIPE KOTE SYNTHETIC PRIMER TYPE-B

CHARACTERISTIC	AWWA-C-203 & IS 10221
Drying Time, Minutes	5-20
Viscosity (Flow time at 200C) by Ford cup, in second	35-50
Flash Point (Abel)°C, Min.	23
Volatile Matter (100-100°C) Loss of mass, by % Max.	75

Health & Saftey

Use of gloves & suitable cream is recommended to use this product. To avoid accidental eye contamination, goggles are also advised. Respirators must be worn. Do not smoke & keep away from fire & flames.

Sizes

Pipe Kote Coal Tar Tape is available in thickness of 2, 3, 4 MM in 12 to 15 Mtr rolls with 100, 200,250,333,500 & 1000 MM width. Pipe Kote Primer Type-B is available in 20 ltr. & 200 ltr. drum.

Storage

To store in cool, dry and covered area. It is advisable to avoid direct contact from sunlight. Proper care must take to load, unload and handling of materials. Rolls should be stacked no more than 3 on one another.

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