

CHEM BITUMEN 10/20

WATER PROOFING GRADE 10/20

GENERAL DESCRIPTION:

It is a kind of bitumen and standard penetration grade. This type is petroleum grade bitumen, manufactured from fractional- vacuum destination of crude oil. The bitumen supplied by Chemi Tech (Chem Bitumen 10/20) is produced from vacuum residue (short residue) feedstock. penetration grade bitumens is specified by the penetration and softening point test. designation by penetration range only. The penetration grade bitumens have a thermoplastic property which causes the material to soften at high temperatures and to harden at low temperatures.

APPLICATION OF BITUMEN:

Bitumen 10/20 is suitable for hot melt coating of substructure surfaces, swimming pool, basement, underground tank, foundation & etc.

Bitumen 10/20 is suitable for road construction and repair for the asphalt pavements with superior properties. This type of bitumen used in manufacture of hot mix asphalt for bases and wearing courses and the bitumen 10/20 is also for production of pavements.

HANDLING AND STORAGE

Handling: Skin contact with the product should be avoided. Inhalation of fumes should be avoided as far as is reasonably practicable.

If the formation of vapors is a risk, then additional ventilation should be provided. Handle away from sources of ignition and heat. Do not smoke, eat or drink during use.

Storage: No special requirements. Asphalt is normally used upon receipt.

Refer to the relevant Technical Data Sheet for the specific product.

CLEANING:

Tools: Clean with kerosene and gasoline.

Hands: Use a hand cleanser or kerosene followed by soap and water.

PACKING:

Bitumen 10/20 is commonly packed in steel drums 210 Kg.

Test Description	
Material	Bitumen 10/20
Specific Gravity	1.01-1.06 @ 25°C
Penetration 100 GMS 5 Sec	10 to 20 @ 25°C
Ductility (CMS)	2 to 4 @ 25°C
Softening Point	77°C to 93°C
Solubility in CCL4	99% (Min)
Pouring Temperature	150°C to 175°C
Flash Point (Min)	450 °C
Loss on Heating	0.05% by wt