

## Description

Bituminous primers and black bituminous paints produced with oxidised bitumens and selected pure solvents. Bituminous primers used for waterproofing and protection of cement and fibre cement artefacts and metal surfaces.

They are also suitable for sealing the porosity of concrete substrates as well as for preparing a valid binding primer for multiple bituminous waterproofing coats and bituminous membranes.

The bituminous primer is a solution designed by **MERC** with special solvents that ensure low viscosity combined with high coverage and protection; it comes in liquid form and matt black colour.

## Characteristics

		Specification	Typical Value
<b>Primer</b>			
	Type of solvent		Kerosene
	Solid Content		>50%
	Specific Gravity		0.9
	Flashpoint, °C		36-38
	Film Thickness		<b>Wet:</b> 100 microns <b>Dry:</b> 54 microns
	Application Temperature range, °C		5-55
	Drying Time	BS 6949:1991	About 4-6 hours
	Finish, °C	BS3416/6949:1991	Smooth, opaque and free from sags and runs
	Chemical & water resistance		<b>Resistance to:</b> most salt solutions, dilute acids/alkali's <b>Non Resistance to:</b> Oils, solvents and some detergent solutions.
	Effect on potable water	BS3416/6949:1991 BS 6920-1:2000	<b>Passed.</b> Suitable for use in contact with potable water
	Package		Flexi Bag Containers/Road Tankers

		Standard	Typical Value
<b>Primer D41</b>			
	Density kg/litre	ASTM D70	0.85/0.88
	Saybolt Furol Viscosity at 250°C seconds	ASTM D88	25/125
	Tack Free Time, hour	-	2hrs at 300°C
<b>Distillation, Volume % of th primer</b>			
	Up to 2250°C	ASTM D402	35 (min)
	Up to 3600°C		65 (max)
<b>Test on Residue from Distillation Test</b>			
	Penetration at 250°C	ASTM D5	20-50 dmm
	Solubility in Trichloroethylene	ASTM D2042	-
	Water, % volume	ASTM D95	0.5 (max)