



SHIELD - MOULD RELEASE OIL

DESCRIPTION

Shield's Mould Release Oil is blended using superior quality, fully virgin base oils with advanced chemicals giving it unique properties. This oil ensures smooth concrete surfaces and leaves the mould free of any concrete or mortar deposits eliminating excess labour time requiring in cleaning the mould surfaces before re-use.

Superior chemicals give the oil excellent water-repelling properties, thus protecting wooden moulds from rotting and steel moulds from rusting. The advanced formulation technology allows the moulding processes subjected to high temperatures where steam or heat-transfer oils are used as the heating medium. It can be applied by brush, spray and other automated machines in continuous production lines.



APPLICATIONS:

This high grade Mould Release Oil is used in several applications, mainly revolving around operations involving block and brick manufacturing, or for in the production process of construction materials in high temperature applications.

TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	MR 650	MR 400	LIGHT MR
1	Density @ 15°C	ASTM D 1298	0.8990	0.8980	0.8345
2	Viscosity @ 40°C, cSt	ASTM D 445	508.35	401	3.36
3	Viscosity @ 100°C, cSt	ASTM D 445	41.66	29	1.31
4	Viscosity Index	ASTM D 2270	162	100	-
5	Flash Point COC, °C	ASTM D 92	268	252	80
6	Pour Point, °C	ASTM D 97	-8	-6	-6
7	Color	ASTM D 1500	L4.5	L4.5	L0.5
8	Appearance	ASTM D 4176	C & B	C & B	C & B

* Exact specifications may slightly vary from the above, but within the international standards