

**Description:**

CoreSMART® is a free-flowing tan granular polymer specifically developed for use in mineral coring and exploration market. CoreSMART typically requires no additives as it is a multifunctional product in a single package. CoreSMART covers the surface of the core as it is being cut with a protective polymeric membrane. Immediately upon forming, the membrane is interwoven with a network of polymer filaments providing strength and durability to the core sample. This network of filaments repels water insuring the sample is not deteriorated or washed throughout the coring and retrieval process. The result is a near pristine core when exposed on the surface. CoreSMART can also reduce rod chatter and torque as well as increase bit life.

**General Application Instructions:**

CoreSMART solves core recovery issues, is high temperature stable, keeps clays from swelling, reduces torque and rod chatter, and improves the bit life for increased penetration rates. Another feature of CoreSMART is the ease of use. Just adjust the dosage of CoreSMART depending on the soil conditions; a great advantage for remote sites. CoreSMART can also use brackish or salt water as the makeup water.

CoreSMART has been specifically designed for easy mixing and rapid hydration when combined with water. CoreSMART's dosage and viscosity will be selected and maintained based on expected soil conditions. General dosage guidelines are shown in the Recommended Dosage Table.

Formation Type	Suggested CoreSMART Initial Dosage		
	lbs / yd <sup>3</sup> Water	lbs / 300 gals Water	kg / m <sup>3</sup> Water
<b>Standard Drilling Conditions</b>	0.50	0.75	0.25
<b>Swelling Clays and Shales</b>	1.00	1.13	0.50
<b>Highly Fractured / Permeable Zones</b>	2.00	3.00	1.00

**Packaging:**

10 kilo / 22 lb. resealable plastic pails & 25 kilo / 55 lb. poly bags.

**Availability:**

CoreSMART is available from KB International's warehouses or from our distribution partners worldwide. Please call for availability in your area.


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