

# Drill-Sorb®

LOSS CIRCULATION MATERIAL AND DRILLING FLUID SOLIDIFIER

<p><b>Description</b></p>	<p>Drill•Sorb® is a granular, advanced super-absorbent material that rapidly absorbs and retains large volumes of water from aqueous solutions. Drill•Sorb® can absorb 200 times its weight.</p>
<p><b>Functions</b></p>	<p>Drill•Sorb® is a very effective drilling fluid solidifier (adsorbing the water phase of the drilling fluid) and ideally suited for lost circulation control in highly fractured zones and permeable and porous formations.</p>
<p><b>Benefits</b></p>	<p>Excellent at sealing sand, gravel and fractured rock. Capable of absorbing 200 times its own weight. Converts drilling fluid into dry disposable solid by absorbing water.</p>
<p><b>Recommended Treatment</b></p>	<p><i>Loss Circulation:</i> Pre-mix 1-5 kg/m<sup>3</sup> or 2.5-11 pounds/100gal into the drilling fluid on the surface, wait 5 minutes for the Drill•Sorb® to soften and then pump quickly into zone to be sealed. Allow time for Drill•Sorb® to expand into the loss zone before proceeding with drilling.</p> <p><i>Drilling Fluid Solidification:</i> Spread Drill•Sorb® over the waste slurry and mix it in with a digger bucket or shovel – depending on the solids content of the waste slurry, typical usage is between 3Kg and 7Kg per cubic meter of slurry. Depending on the amount of free water it takes roughly ½ hour - 2 hours for the Drill•Sorb® to go off and set like stiff jelly for easy waste disposal.</p>
<p><b>Packaging</b></p>	<p>Drill•Sorb® is packaged in 25 Kg plastic bags, 40 bags per pallet. All pallets are stretch-wrapped.</p>

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