



**Diamapro**<sup>®</sup>  
SYSTEMS



## DP-SCS

# SLURRY CONTAINMENT SYSTEM

Simplify your job site slurry management while meeting OSHA standards



Diamapro Systems Slurry Containment System (DP-SCS) simplifies the task of what to do with jobsite concrete mud when wet grinding. The growing popularity of wet-polishing and the use of power trowel machines has increased the need for an efficient and economical solution to slurry removal. More wet work is being done to reduce silica levels on job sites. DP-SCS facilitates the handling of concrete slurry. This system reduces the amount of waste material to discard, removes heavy metal contaminants, lowers pH and reuses the separated water back on the job.

Diamapro's Slurry Containment System separates suspended solids from the water. Adding the Slurry Splitter causes particles to clump together and settle to the bottom of the Slurry Sifter bag. This treated waste-water is then filtered through the Slurry Sifter de-watering bag. The treated-water can be pumped out for re-use or disposed of. Slurry Sponge is a polymer that, when added to the remaining slurry, coagulates the liquid into a dry solid. The resulting solid matter can now be disposed of in accordance with EPA regulations. Use Slurry Scrub to aid in the clean-up and removal of concrete slurry from equipment. It turns hardened sludge into a soft substance for quicker removal. For more detailed step-by-step instructions, visit our website. [www.diamaprosystems.com](http://www.diamaprosystems.com)



## SLURRY VAULT

The Slurry Storage is used in conjunction with our Slurry Sifter, Slurry Splitter, Slurry Sponge, and Slurry Scrub products. These are all efficient and economical ways to streamline slurry management on larger power trowel polishing projects while also being compliant with the EPA for proper slurry disposal.

The Slurry Storage box and lid are made from heavy-duty polyethylene materials. It measures 42 x 48 x 52 and weighs 100 pounds. It has built in fork pockets to be easily moved around the job site on a pallet jack or caster wheels.



## SLURRY SIFTER

This felt lined Slurry Sifter is 36"x36"x42". The Slurry Sifter makes clean-up easy with its loop handles to slide onto and off of a forklift. It folds easily for storage. It has an open top and closed bottom. It has loop straps for lifting and has a 5X safety lift rating. It is made from woven polypropylene. It has a splash skirt on top and we recommend not exceeding 1750 pounds to prevent overfilling. The Slurry Sifter makes clean-up easy with its loop handles to slide onto and off of a forklift. It folds easily for storage. It has an open top and closed bottom.



## SLURRY SPOUT

The Slurry Spout is a tool designed for transferring slurry from the collection equipment to the slurry sifter. It quick connects to a standard female 1/4" pressure washer wand. It features a very durable, heavy duty hose that is resistant to weathering, ozone, abrasion, and gouging.



## SLURRY SPLITTER

Slurry Splitter is a flocculant designed specifically for high pH water. Slurry Splitter captures and encapsulates suspended cement particles for quick settling and easy dewatering. The clear processed water can be recycled back into the tank for reuse. Slurry Splitter is a reactive separating agent removing emulsified oil's heavy metals phosphates and suspended concrete solids from wastewater through flocculation, precipitation, and pH adjustment. Slurry Splitter is applied in a single application to effectively remove wastewater contaminants.



## SLURRY SPONGE

This slurry solidification agent can be used with water, water/cement slurry, silt, and many water-borne paints that require disposal in a solid form. Slurry Sponge captures the solids component of the slurry allowing the water to evaporate over time reducing disposable weight. Slurry Sponge solidifies immediately after it is induced into the liquid mixture and forms a very stable, non-flowing solid. It adds less than 3% by volume to the final solid mixture reducing hauling costs and will absorb 200-300 times it's own weight in wastewater.



## SLURRY SCRUB

Slurry Scrub is specifically designed to clean dried concrete slurry from cutting and grinding equipment. It utilizes a state-of-the-art surfactant technology and a small molecular size to penetrate deep inside the pores of residual concrete. This unique formulation makes it ideal for cleaning and maintaining equipment, tools, etc.. Slurry Scrub is safe for operators and equipment. This sugar-based cleaner turns hard slurry back into soft mud for easy cleanup. Add an air compressor and a water supply for continuous high quality foam at the correct 3.5:1 mixing ratio. Slurry Scrub safely removes calcium scale and slurry from equipment with no acid danger or damage.