

## ***Aggregates Manager Honors Flex-Mat<sup>®</sup> 3 For Use On All 3 Screen Decks***

*Aggregates Manager* magazine named Major Wire's Flex-Mat<sup>®</sup> 3 High-Performance, Self-Cleaning Screen Cloth for use on all three screen decks as a Top Rollout product for 2006.

Each year, the staff at *Aggregates Manager* magazine reviews the hundreds of product introductions that have been published in the previous year to choose the 25 "rollouts" it feels are worth additional review from readers.

The magazine's priorities in choosing the best rollouts include new concept products – which are rare, new series/new generation products in categories that relate to the aggregates industry, and other rollouts that serve readers' interests by increasing competition in a product category. A product's ability to improve operational efficiencies is the best gauge for inclusion in the Top 25 Rollouts. Also taken into consideration in choosing a product rollout for the Top 25 is the manufacturing company's ability to communicate the significance or innovative qualities of the product.

### **Flex-Mat 3 Provides Screening Solutions On All 3 Decks**

Producers around the world are using Flex-Mat 3 High-Performance, Self-Cleaning Screen Cloth from Montreal-based Major Wire Industries Limited on all three screen decks because its unique qualities make Flex-Mat 3 the ideal solution for maximizing screening efficiency on every deck.

Using Flex-Mat 3 on all three decks will increase production of cleaner in-spec product and reduce costs, with only a change in screen cloth, providing a great return on investment. And only Major Wire has the breadth of wire diameters and opening sizes to work on all three decks – up to four inches and as small as 30 mesh.

Top Deck: Because its wires vibrate independently, Flex-Mat 3 will eliminate pegging on the top deck, thus eliminating the need to shut down for cleaning or prematurely replacing the panels.

The material will penetrate the screen cloth as it's meant to, passing through to the middle deck.



Middle Deck: With Flex-Mat 3, the middle deck will not blind, peg or clog. The passing material will penetrate the cloth to get to the bottom deck better than with woven wire. Production will increase because more material will pass through per hour. The product will be cleaner, because the vibrating action of the wires will cause fines to vibrate off the rock, sending both through the cloth. In many cases, Flex-Mat 3 has allowed producers to eliminate the costly need for washing to get a clean product.

Bottom Deck: With more rock getting through to the bottom deck, fines will not build up, eliminating blinding. Flex-Mat 3 causes fines to pass through the screen on the bottom deck – with clean, properly sized material coming off the bottom deck.

In 1996, Major Wire Industries pioneered Flex-Mat High-Performance, Self-Cleaning Screen Cloth – a true advancement in screening performance – with the development of this non-woven, self-cleaning wire screen cloth that employs single wires running from hook to hook and bonded in place with lime green polyurethane strips aligned to each crown bar.

In more than 12,000 applications worldwide, Flex-Mat 3 is proving beyond a doubt that, properly sized for the application and installed, this combination of individual wires vibrating independently and bonded in place by polyurethane strips can greatly reduce, if not eliminate, many severe blinding, pegging and clogging problems on screen boxes of all types, working with everything from basalt and sand and gravel to limestone and aglime.

Flex-Mat 3 has up to 30 percent more open area than woven wire, allowing 30 percent more properly sized material to fall through. And, wear life exceeds that of traditional woven wire up to three times because there are no cross wires with high wear spots as there are with woven wire. Flex-Mat 3 is also available with the widest range of application-specific wire diameters, enabling Major Wire to fine tune each screen's production to its greatest potential.

