

For clean approach flow and screening systems

MD-12 Coating

MD-12 has been developed especially for approach flow screens to provide clean and highly wear-resistant screen inner surfaces. Because organics and inorganics cannot come into contact with the water-resistant surface, MD-12 coating reduces web breaks in paper and board machines.

MD-12 coating prevents formation of chemical deposits and web breaks

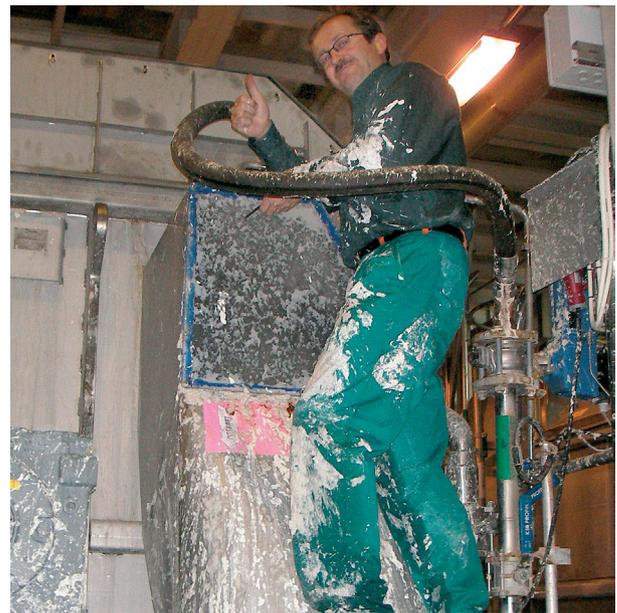
When chemical deposits fall off the walls into the pulp flow, they cause process disturbances in approach flow and screening systems, and eventually cause web breaks. MD-12, a revolutionary new coating for approach flow and screening systems, was developed based on favorable experience with head box coatings. The new coating offers an innovative surface cleaning method with minimum cleaning effort.

The MD-12 coating can be applied on-site at the customer mill. MD-12 surface treatment leaves a very thin and unnoticeable protective coat that is nevertheless a very long-lasting and effective dirt repellent.

The MD-12 coating process starts with cleaning and drying of the surfaces. The final stage is hardening of the coating at 20-40°C. MD-12 forms a low-energy surface film on the treated surface, making it hydrophobic and dirt-repellent.

Features

- Screen frame treated during shutdown, screen ready for use in eight hours, turn-key delivery
- Effective dirt repellent
- Very resistant to detergents, acids and alkali
- Long-lasting, service lifetime depends on the abrasive agents of the furnish
- Re-treatment possible



StockBoost for optimal performance

Optimal screening performance is essential for achieving the desired pulp quality with the highest possible production efficiency. Valmet's StockBoost for screening is a customized service concept offering products and services that keep screening equipment in top condition for maximum availability and productivity and ensure that the targeted end-product quality is achieved.

- Minimum cleaning effort
- Long-lasting cleaning effect
- No process disturbances because of screen related deposits