



HIGH VIBRATION WIRE SCREEN

APPLICATION CASE STUDY

LIMESTONE, HNG SCREENER > Europe

SITUATION: A limestone screening operation in Europe using HNG screeners was experiencing heavy pegging issues and inconsistent material quality due to the use of woven square mesh screens.

PROBLEM:

Heavy pegging caused frequent shutdowns for cleaning, resulting in inconsistent material quality and increased maintenance costs. The wear life of the woven square mesh screens was also relatively short. maintenance and replacement costs.

SOLUTION:

The plant switched to Major's FLEX-MAT D Series screens, replacing the woven square mesh screens. This change resolved pegging issues and significantly improved the wear life of the screens.



BENEFITS:

- > **Resolved Pegging Issues:** The FLEX-MAT screens eliminated the pegging problems, allowing continuous operation without frequent cleaning shutdowns.
- > **Improved Material Quality:** The consistent performance of the FLEX-MAT screens ensured higher and more reliable material quality.
- > **Extended Wear Life:** The wear life of the screens doubled compared to the previous woven square mesh, reducing maintenance and replacement costs.

**RESOLVED PEGGING ISSUES
AND DOUBLED WEAR LIFE,
IMPROVING MATERIAL QUALITY
AND OPERATIONAL EFFICIENCY.**