



HIGH VIBRATION WIRE SCREEN

APPLICATION CASE STUDY

LIMESTONE, HNG SCREENERS > 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.

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.**