

Build-up eliminated, maintenance hotspot eradicated: Matrox Low Friction Lining

The Challenge: A leading Roof Tile manufacturer was experiencing severe build-up in a number of PE1000 lined holding hoppers. The dry concrete mix was sticking to the hopper walls disrupting production. Operatives regularly agitated the encrusted material using a rod, this action caused damage - allowing product to build-up and set behind the liners. Eventually, the set concrete would then fall into the screw-feed & damage the flight.



Our Solution: Matrox Premium grade UHMW polyethylene

Key Features: Lowest surface friction, special additives enhance performance

Improvement: PE1000 Virgin: constant build-up, cleaned every 15 minutes
screw flight regularly damaged & replaced

Matrox Premium: no build-up, no cleaning, no damage

Benefits:

- Efficiency** - consistent flow of material from hopper to screw-feed
- Productivity** - production line availability increased
- Maintenance** - vastly reduced
- Safety** - hoppers accessed via ladder, visits reduced

“The performance difference between our standard polyethylene & Matrox is astounding. Matrox keeps this tricky material moving and a significant maintenance hotspot has been eradicated. The photograph really does speak for itself, not all polyethylenes are created equally!” Regional Operations Manager

