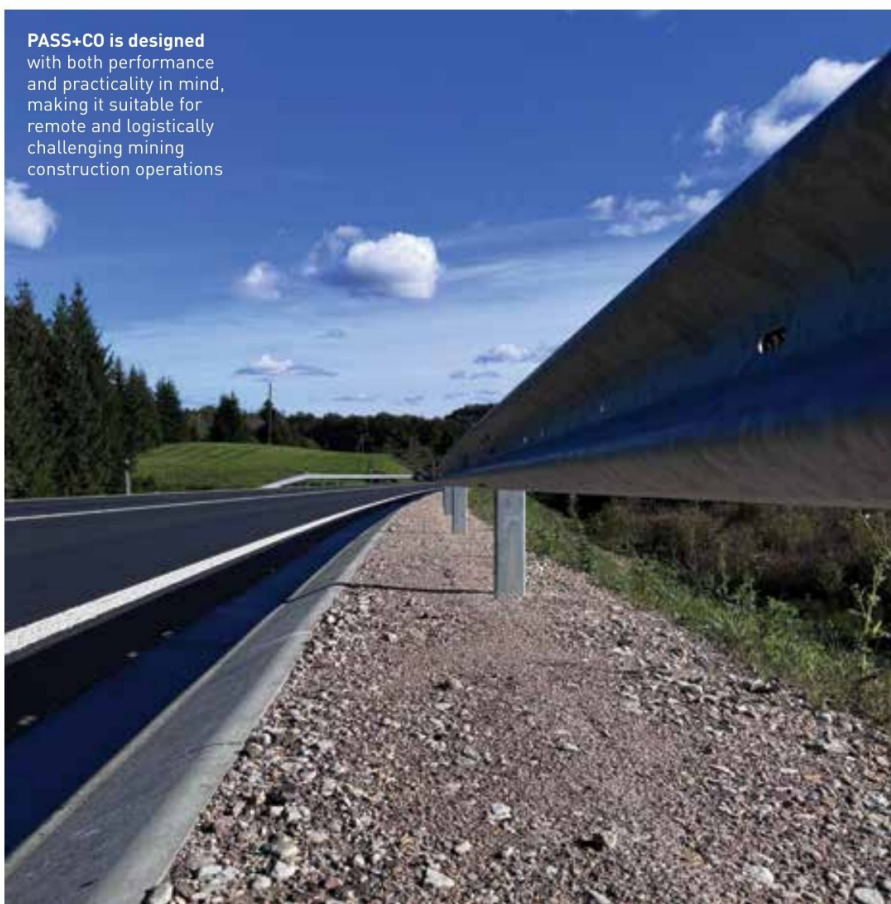


# Structurally sound guardrail systems

An Armco specialty

West Africa has some of the world’s most remote and logistically challenging mining operations. This is where **Armco’s** Road Safety division comes in, to provide guardrail systems with superior containment and impact capabilities, significantly reducing risk to operators and infrastructure. **NICHOLAS NAUDE**, road safety products sales executive, explains further about the PASS+CO guardrail system.



PASS+CO is designed with both performance and practicality in mind, making it suitable for remote and logistically challenging mining construction operations

with international standards while providing confidence that the system will perform as intended in real-world impact scenarios.

- **Ease of logistics** – Armco can load up to 450 guardrails into 20 ft G.P. containers or trucks and supply to remote areas anywhere in Africa.
- **Ease and speed of installation** – The PASS+CO system is designed for quick and efficient installation, minimising downtime on site.
- **Long service life** – Manufactured from high-quality steel and hot dipped galvanising corrosion protection, PASS+CO guardrail systems are built to withstand harsh environmental and operational conditions.

In the last 12 months Armco has supplied PASS+CO guardrail systems for two large mining projects, one of them in Guinea. In this project a structurally sound guardrail system, that could be installed within the shortest period, was required.

“Due to the mining site being in a remote area and needing sea freight using 20 ft containers, the option of using timber posts was not viable because of the volume and the logistics cost. The option of using the crash-tested PASS+CO guardrail system with steel C-Post was the most viable solution.”

Armco continually strives to provide the most economical and highest quality products to every client. “With our state-of-the-art manufacturing facilities, we have the confidence that we can take on large-scale projects and deliver within clients’ acceptable timelines.” **MRA**

A key focus within the mining sector is the supply of crash-tested guardrail systems, particularly for access roads, bridges, haul routes and high-risk roadside. The PASS+CO guardrail system is a crash-tested steel barrier system designed to meet international safety and performance standards. It has been engineered to provide reliable vehicle

containment while maintaining structural integrity under impact conditions.

## Benefits

Client benefits from the PASS+CO guardrail system include:

- **Crash-tested performance and containment levels** – Due to PASS+CO guardrail systems being offered in various containment levels, they ensure compliance