



High pressure inflatable sealing solution for safety door in mine 500 metres below surface.

In an African mine they built a safety door about 500 metres below surface to protect the below part from water intrusion. The door, 5 x 5 metres in square needs to close in case of an emergency. To seal this door, 3 inflatable seals are used, activated with max. 50 bars water pressure closing of the theoretical water column of max. 500 metres.

For this we made these seals as strong as possible and shipped it from Netherlands to Africa by container transport. The installation and testing is done by a team of mineworkers and our technical team.

High pressure inflatable seals applied



Water connection applied

