

Aslan 100 GFRP rebars

NON FERROUS REINFORCEMENT

Reinforcement for Softeyes in Dubai

Dubai Rapid Link (DURL) , a Japanese led consortium headed by Mitsubishi Corp., Obayashi Corp., Kajima Corp and Yapi Merkezi of Turkey are building the first phase of the Dubai Metro for the RTA. There are 4 underground stations from where the TBM (diameter 9,50 m) needed to exit and enter.

Breaking through the reinforced diaphragm walls with a TBM has always been a challenge, but this is solved by using Aslan GFRP rebars in this zone. Aslan GFRP rebars are easily cut by the TBM. Aslan rebars were used in 4 softeye's at Union Square, 2 sofeye's at Al Rigga, 2 softeye's at Port Said and 1 softeye at Burjuman.

Design was carried out by Aslan Pacific in accordance with ACI 440 design guide.



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