

PROJECT SPOTLIGHT

Amanzimtoti High School Sport Arena: Amanzimtoti: South Africa

Project description

The Amanzimtoti High School Sport Arena in KZN had a poorly constructed concrete slab with numerous cracks that was not fit for use. The client required a cost effective solution to render the arena usable without reconstruction the slab. **Fibsol (Fibre Reinforcing Solutions)** offered a repair design using **3 kg/m³ Macrosol X Synthetic Structural fibres** added to a 50 mm x 20 MPa screed. The flat power floated screed conforms to all the client's requirements & is currently used for a number of sporting activities including hockey. The **Macrosol X fibres** not only offer crack resistance to the thin concrete but also provide enhanced impact and abrasion resistance. The fibres were added to the ready-mix concrete truck on site.

PROJECT DATA

Project: **Toti High School**
Location: **Amanzimtoti: SA**
Application Type: **Ext Floor**
Concrete Quality: **20 Mpa**
Thickness: **50 mm**
Project Size: **1 000 m²**
Contractor: **BBC Building & Civil**
Fibre Type: **Macrosol X 40 mm**



Slab after FRC Repair



Slab before Repair

Fibsol (Fibre Reinforcing Solutions)

Fibre Technology for Superior Concrete Performance

FIBSOL (Fibre Reinforcing Solutions)

Tel: + 27 82 494 0455

Email: fibsol@mweb.co.za

Web: www.fibsol.co.za