

PROJECT SPOTLIGHT

M PROJECTS: Amanzimtoti: South Africa

Project description

Situated near Amanzimtoti in KZN the concrete slab was designed to handle the movement of heavy trucks and forklifts in the factory and surrounding areas. The company required a high performance concrete slab design to accommodate the traffic while keeping maintenance costs to a minimum. The slab was originally designed as 200mm thick with light Welded Mesh reinforcing. **Fibsol (Fibre Reinforcing Solutions)** compared the original design specifications and proposed a high performance alternative using **4 kg/m³ Macrosol X Synthetic Structural fibres** to satisfy the design requirements. The **Macrosol X fibres** not only offer improved ductility and crack resistance but also provide enhanced impact and abrasion resistance. The fibres were added to the ready-mix concrete truck on site & at the batching plant.

PROJECT DATA

Project: **M Projects**
Location: **Amanzimtoti: SA**
Application Type: **Ext & Int Floor**
Concrete Quality: **25 Mpa**
Thickness: **150 mm**
Project Size: **12 000 m²**
Contractor: **M Projects**
Fibre Type: **Macrosol X 40 mm**



Fibsol (Fibre Reinforcing Solutions)

Fibre Technology for Superior Concrete Performance

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