

# Soccer City Stadium

case study  
By Alex Chow

Location: Johannesburg, South Africa



**architect:** Boogertman Urban Edge & Partners + Populous

**owner:** City of Johannesburg

**year of completion:** 2009

**climate:** Oceanic Subtropical Highland Climate

**material of interest:** Cement Panels

**application:** Exterior Cladding

**properties of material:** Layers of glassfibre in a concrete matrix; Highly stressable “slim” concrete (8 to 13mm thick); No steel reinforcement, lightweight, high flexural strength; Pure organic substances: 95% consists of sand, concrete, glass fibers; Over 50 year life span; 55% recycled material, 100% recyclable

**material used:** FibreC Exterior Concrete Skin 13

**manufacturer/ fabricator:**  
Manufacturer: Rieder Smart Elements

**sources:**

architect website: [www.boogertmanandpartners.co.za/](http://www.boogertmanandpartners.co.za/)

manufacturer website: [www.rieder.cc/at/en/](http://www.rieder.cc/at/en/)