

Architectural Performance Specifications for ACSA Valet Operators Phase 2 – New Pick-up and E-hailing area, P2 Building

General specifications

- Where a different system/material/component is suggested than as specified in this tender documentation, proof should be provided that the alternative system/material/component has an **equal or higher performance** than specified in this document and other relevant specifications and drawings in the tender documentation.
- Samples of all systems/materials/components to be provided prior to ordering.
- **All to be read in conjunction with specifications documents and drawings prepared by relevant consultant engineers.**

Detail specifications

Component	Minimum performance specification
Floors - Tiles	<ul style="list-style-type: none"> - Dry slip rating: R11. - Wet slip rating: B. - Hard-wearing, suitable for high-traffic commercial use.
Walls - Drywalls	<ul style="list-style-type: none"> - 30 min fire rating. - Non-combustible. - Sound insulation rating of 41 dB
Paint	<ul style="list-style-type: none"> - Easily cleanable. - Hard-wearing. - 7-year guarantee.
Fire installation	<p>Standards to comply with:</p> <ul style="list-style-type: none"> - SANS 10400 Part-T (design); - SANS 10139 (design; fire detection and alarm system); - SANS 1186-5 (marking and signposting). <p>To be read in conjunction with the separate fire specifications document and drawings prepared by CA du Toit Consulting Engineers</p>
Signage	<ul style="list-style-type: none"> - To comply with ACSA Standards and Specifications. - Design, materials, finishes and fixing to match existing.
Bumper Rails	<ul style="list-style-type: none"> - Stainless steel to match existing. - To be strong and durable. - To provide protection against all trolleys. - Support at 1m c/c max.

Construction standards to comply with

- SANS 10155:2009 Accuracy in buildings
- SANS 10400: The application of nation building regulations – All parts
- SANS 2001-BE1:2008 Construction standards: Earthworks (general)
- SANS 2001-CS1:2012 Construction works: Structural steelwork
- SANS 2001-CC1:2012 Part CC1: Concrete works (structural)
- SANS 2001-CC2:2007 Part CC2: Concrete works (minor)
- SANS 2001-CM1: construction of brickwork & blockwork
- SANS 2001-CM2:2011 Strip footings, pad footings and slab-on-the-ground foundations for masonry walling
- SANS 10161:1980 The design of foundations for buildings
- SANS 10100-2:2014 The structural use of concrete Part 2: Materials and execution of work
- SABS 1200 HC (1988): Corrosion protection of structural steelwork
- SANS 50197-1: Cement
- SANS 10082: Reinforcing
- SANS 10240: Welded mesh fabric to comply with
- SANS 227: Burnt clay masonry units
- SANS 11077 (2009): Sealing compounds for the building and construction industry, two component, polyurethane-base
- SABS 1200 F: Piling
- SANS 10167 and 1044: Welding
- SANS 121 (ISO 1461): Hot dip galvanizing coatings on fabricated iron and steel articles