



Material Proposal

Floor Coverings

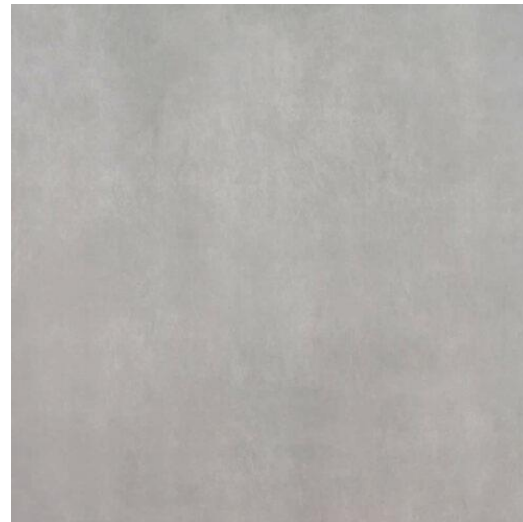
General Areas & Wet Areas

Ceramic Tiles – Concrete Slab Option Only

Grade 1

Matt Finish

Some Colour Choices Below



Floor Coverings

General Areas – Excluding Wet Areas

Wood Laminate Flooring – Concrete Slab Option or Chassis Option

Some Colour Choices Below



Floor Coverings

General Areas & Wet Areas

Semi Flexible Vinyl Roll Out -2mm Superflex - Concrete Slab Option or Chassis Option

Some Colour Choices Below



External Wall, Partition & Ceiling Panel

External Wall & Partition Panel

40mm Thick – External & Supporting Walls

40mm Thick – Internal Non Supporting Walls

Fire Retardant Polystyrene Internal Core

0,4mm Aluzinc Coating on Skins

Flat Surface on Top and Bottom

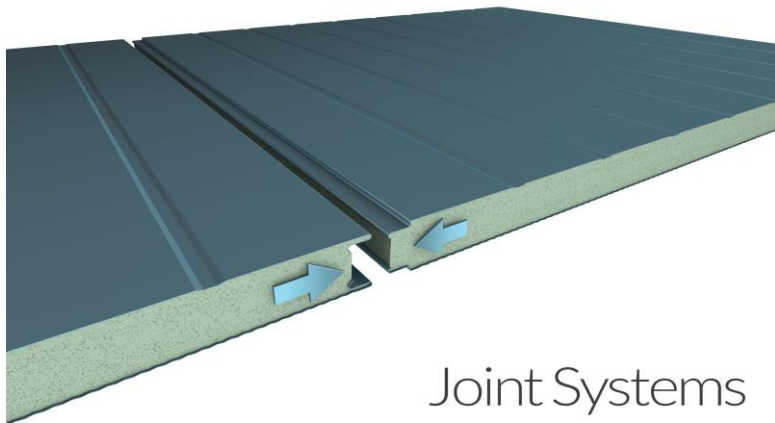
Tongue and Groove Joining between Panels

Ceiling Panel

40mm Thick – Ceiling

Fire Retardant Polystyrene Internal Core

0,4mm Aluzinc Coating on Skins



Joint Systems

Roof Structure

Large Buildings

Light Steel Frame Trusses(LSF)

Trusses designed to engineering details with structural engineers' certification.

Roof Covering – 0.47mm Colourbond IBR Roof Sheeting

Flashing – 0.5mm Aluzinc Bent Up Flashing



Smaller Buildings

Ceiling and Roof are made from the same materials as the wall panels – 40mm EPS Panel

Ceilings are vaulted type unless a flat roof is required



Doors & Windows

Internal & External Doors

Same panel specification as the partition wall panel – 40mm

Trims are made form aluminium

Single Room Door – 830mm x 2030mm

Ensuite Door – 700mm x 2030mm

Double External Door – 1600mm x 2030mm

Handles are aluminium with lever turnback to avoid clothing being snagged

Door locks are BBL, YALE or UNION Cylinder locksets

Ensuite locks are indicator bolt locksets



Windows

Room Windows

Standard Windows – 900 x 900 Top Hung

Non Standard – Sliding Windows

Ablution Windows – 500 x 400 Top Hung

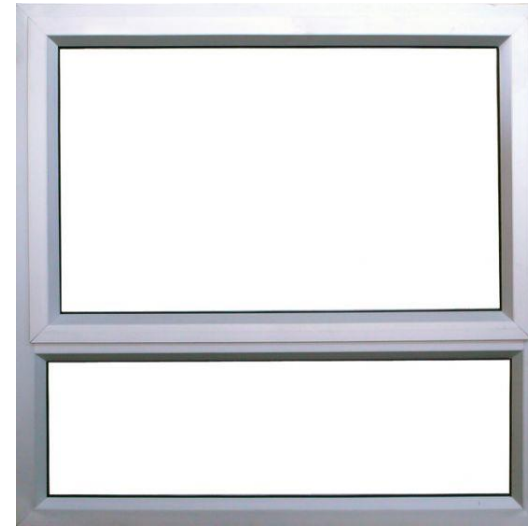
4mm Float Glass

12mm x 12mm Square Tube Aluminium Burglar
Bars Fitted to Windows

Anodised Aluminium Frames

All Windows fitted with Aluminium Venetian
Blinds

All standard windows fitted with flyscreens as an
optional extra



Electrical, HVAC & Plumbing Fittings

Electrical

Switches – Single or Double Light Switches

Plug Points – Plug Module complete with Switch, USB Module & 2 Shuko Plug Points

Waterproof Surface Mounted 3PH DB for Large Buildings, Single PH for smaller buildings

Vapour proof Fittings for LED Lights

All Globes are LED

All cabling is surface mounted into PVC trunking

Circuit Breakers are Stech, Onesto or Schneider

Lighting Cabling is 1.5mm Twin & Earth

Plug Point Cabling is 2.5mm Twin & Earth

DB Internal Cabling is 4mm



Electrical, HVAC & Plumbing Fittings

HVAC

Rooms –Alliance Neocool Split AC Units

Rated Temperature - 17°C to 30°C

Remote Control

All Piping and cabling will be fitted into 100 x 40 PVC trunking surface mounted to walls

32Amp Waterproof AC Isolator Fitted externally to every AC unit

R410 Non Inverter Models



Electrical, HVAC & Plumbing Fittings

Plumbing

Toilets – Lecico Neon Close Couple Toilets

Basins – Lecico Atlas Basin and Pedestal Set

Basin Mixer – Franke Serenus Basin Mixer

Shower Tray – 900 x 900

Shower Mixer – Franke Serenus Shower Mixer

All piping and fittings are Speedfit

All geysers are Kwikhot SABS Approved high pressure geysers



Trims, Extrusions and Fixings

Trims & Extrusions

All internal and external trims and extrusions are manufactured from extruded aluminium

It will not Rust

They do not have to be painted.

Aluminium is Mill Finished

Sealers

All internal ceiling joints are sealed with non hardening butyl sealer and with white silicone externally

All wall and partition panels are sealed internally and externally with white silicone

Brands are Sika, Den Braven & Soudal

Fixings

Floor – M8 Concrete Anchors(Concrete)

Floor – M8 x 50 Bolts(Steel Chassis)

Floor – M8 x 50 Tek Screws(Steel Chassis)

Panels – 4812 Aluminium Sealed Rivets

Windows – 3212 Aluminium Sealed Rivets

Door Hinges – 4812 CSK Aluminium Sealed Rivets

Your Contacts

Caku Amaral-Dias

Director

Prefab Modular, LDA

+258 84 292 5331

+27 66 133 1631

Caku@prefabmodulargroup.com

www.prefabmodulargroup.com

Niraj Ramlagan

Operations Head - Africa

Prefab Modular, LDA

+258 85 203 9259

+27 83 378 8359

niraj@prefabmodulargroup.co.mz

www.prefabmodulargroup.com