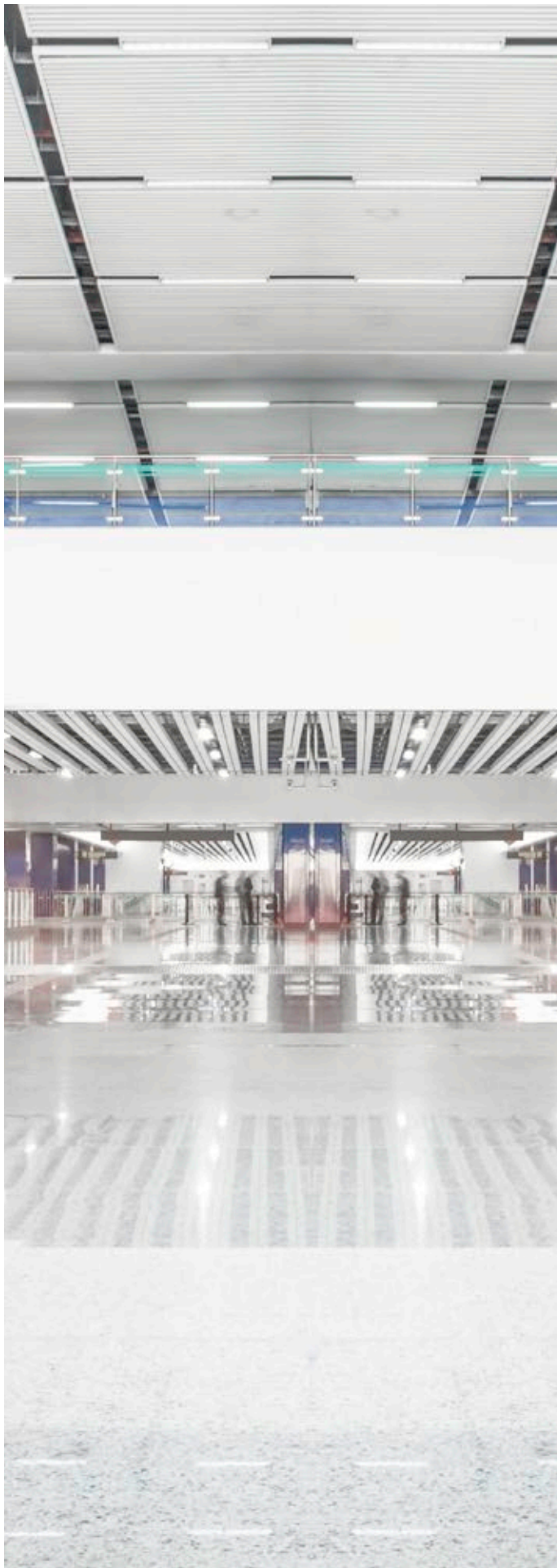


COMPANY PROFILE



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ABOUT OTK

OTK is dedicated to the provision of incomparable standards of quality, service and innovation. We take pride in possessing the FIRST comprehensive line-up of light steel construction products across Zambia, made from highly galvanized cold roll formed steel.

Our ultimate vision for OTK is to be an outstanding example of a truly modern organization. OTK is highly effective at incorporating both long and short-term economic, social and environmental considerations into our decision-making procedures and product outcomes.

Since establishment, our goal is to minimize deforestation in Zambia through empowering our society with the knowledge of the use of our innovative OTK channels and light steel frames as an alternative solution to timber in construction.

We deliver on our promise through our everlasting commitment to exceed all of our customers' expectations, by working together profitably to consistently improve our quality and services. We partner with teams of architects, engineers, building developers & owners, contractors and more on projects of a variety of sizes. We are committed to growing our business in both a responsible and sustainable way, and in doing so, we anticipate adding value to all of our customers, our organization, the community we are a part of and the economy as a whole.



Yours Sincerely,
Omran Kaddoura,
CEO, OTK



Experience
More
Innovation
with OTK

WITH FUNCTIONAL, NATURAL AND SUSTAINABLE CEILING SOLUTIONS

OTK is an international standard business organization that beholds under its Umbrella numerous Sub-companies: OTK Manufacturing and Trading, OTK Solutions, and EVERYINCH. At OTK we operate within Values as cooperation, togetherness, partnership and transparency.

OTK The Manufacturer

Manufacturers of highly galvanized ceiling and wall steel profiles that meet international standards.

OTK the Solution















OTK is a trader and provider of Multi elite quality finishing materials for Ceiling, Dry Walls, flooring, and plastering.

OTK Academy

We are building and empowering a community with knowledge, expertise and professionalism in the finishing industry.



DEFINITION OF TECHNICAL PERFORMANCE ICONS

Edge details Additional edge details on request 	
Thickness (mm) 	19
Dimensions (mm) Additional edge details on request 	
Weight 	
Color 	
Sound Absorption 	
Sound attenuation 	
Sound reduction 	
Fire reaction 	
Light Reflectance 	
Thermal conductivity 	
Air permeability 	
Humidity resistance 	
Indoor air quality 	 
Cleanability	 
Sustainability	

The technical performance icons will provide insight as to the parameters of the specific design elements of the system. Technical Performance Measurement is used by project management to define the measures of performance and acceptable variables during project implementation.



OTK THE MANUFACTURE



WE MANUFACTURE



OTK is dedicated to the provision of incomparable standards of quality, service and innovation. We take pride in possessing the FIRST comprehensive line-up of light steel construction materials across Zambia, made from highly galvanized cold roll formed steel. We are manufacturers of light steel ceiling and wall profiles such as [Wall Angles](#), [Main Channels](#) and [Furring Channels](#).





OTK STEEL PROFILES

OTK LIGHT STEEL CEILING SYSTEMS

Our profiles are high standard, humidity resistant, heavy zinc coated and durable quality products which meet the standards of ASTM C99-645, ASTM A366 /366M, A653M95-, BS EN 10142:1991 , BS2994:1976 & BS 2989:1982. ZM 750. We are also proud to declare that OTK is using steel with high zinc coating of G90/Z275, which is higher than that recommended by ASTM Zinc Coating. Our profiles are heat resistant and qualify with the fire resistance rate E119 . Using cold-formed steel, we manufacture our innovative OTK channels and light steel frames for ceilings and partitioning.

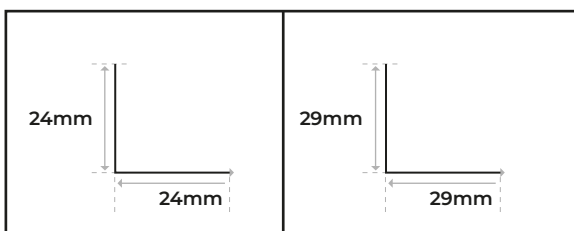
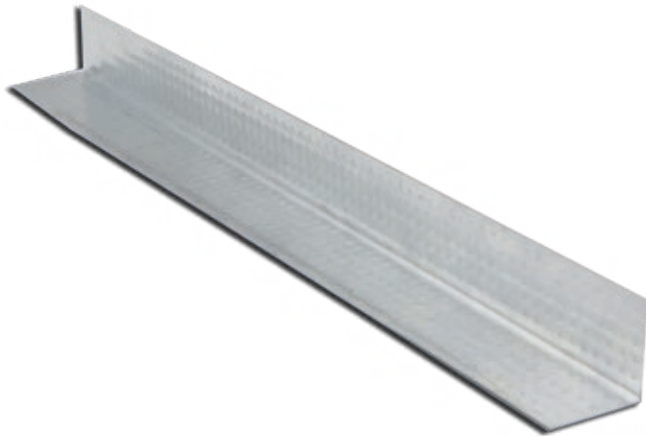


OUR STEEL PROFILES

The OTK Light steel system is the combination of [Wall Angle](#), [Main Channel](#) and of [Furring Channel](#) to form a grid for suspended ceiling to be covered with a variety of ceiling finishes ie; Gypsum boards, Fibre cement Boards and PVC boards. Additionally the Perforated light steel Channels; Corner Beads, Edge trims, and Board Protectors play a major role in Design and perfect Plastered skimmed finish



WALL ANGLE



Also known as Edge Angle, Corner

- **Thickness**
0.35mm upto 0.5mm
- **Length:**
2700mm upto 6000mm
and we can produce various
cut to length sizes
- **Available**
24 X 24 mm / 29 x 29 mm

USAGE

The Wall angle is the first component to go into a ceiling sub-structure. It is fixed to the wall and it makes a perfect Levelled Platform for the finished ceiling. It also used to suspend from the Roof, Trusses/ Purlins, or concrete soffits

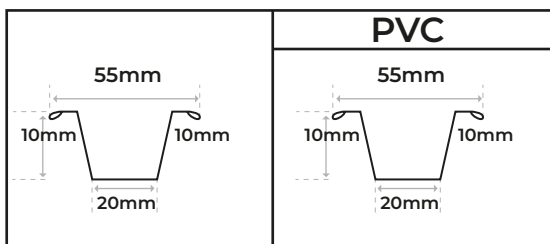
OTK FURRING CHANNELS

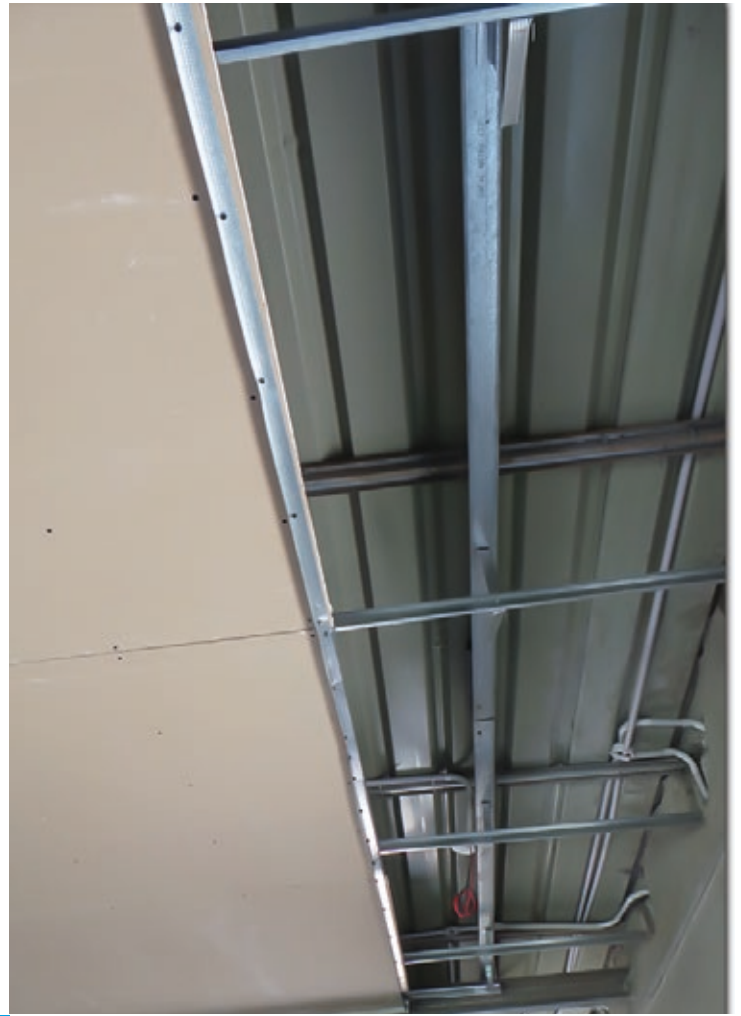
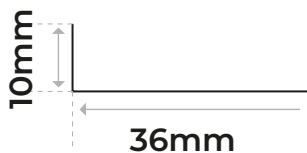
Also known as Omega Channel, Hat Channel

- **Thickness:**
0.35 upto 0.6mm
- **Length:**
2700 mm upto 6000mm and we can produce various cut to length sizes
- Standard Spacing between each Furring Channel 60 cm/ 0.6 M for Gypsum a, 40 cm/ 0.4 for PVC ceiling

USAGE

The Furring Channel is the end component in the sub-structure which receives the boards. The use of the Furring channel is to give a levelled area for the ceiling boards to sit. It also helps to cover the installed air conditioning ducts and other visible wiring. The furringsystem is the combination of Furring Channel, wall Angle and Main channel to form a grid for suspended ceiling to be covered with Gypsum Boards, Fibre cement Boards and PVC boards. Furring 20 is ideal for PVC boards





MAIN CHANNEL

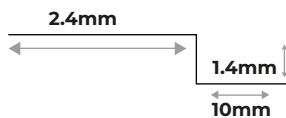
Also known as U-Channel, C-Channel, Main Runner and Primary Channel

- **Thickness**
0.35mm upto 0.6mm
- **Length:**
2700mm upto 6000mm and we can produce various cut to length sizes
- **Standard Spacing between each Main Channel**
120 cm/1200 mm

USAGE

The Main Channel is the next component to go into your ceiling sub-structure. It creates the support of the finished ceiling. It can hold up to 25Kg / m². It is mounted on the angles. It is also used to suspend from the Roof, Trusses/ Purlins, or concrete soffits

OTK EDGE TRIM

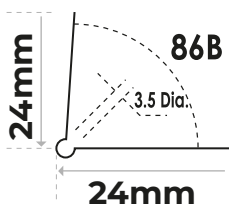
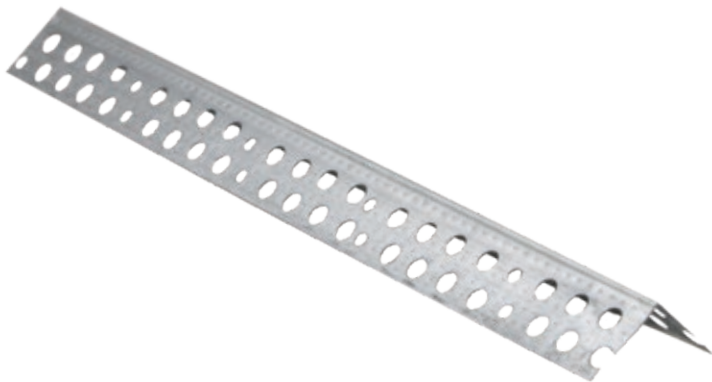


- **Thickness**
0.35mm, 0.4mm
- **Length:**
2700mm upto 6000mm and we can produce various cut to length sizes
- **Available**
24mm X 14mm X 10mm

USAGE

It is made of Pre-painted aluminium coils. It is fixed to the wall and it dictates the height of the ceiling

CORNER BEADS



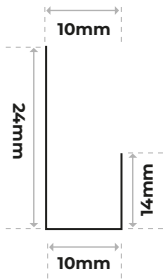
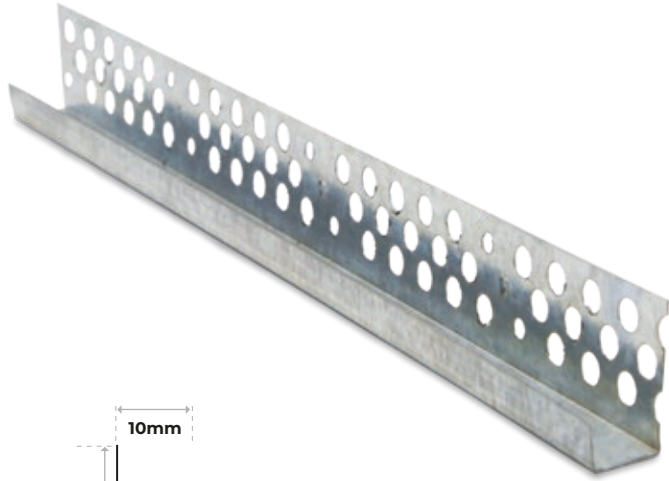
Also Called Perforated Angle, Corner Perforated...

- **Thickness**
0.35 mm upto 0.4 mm
- **Length:**
2700mm upto 6000mm and we can produce various cut to length sizes

USAGE

It's a vertical moulding used to protect the external angle of two intersecting surfaces. It has multiple precisely cut perforated holes, and a perfect round groove that allows the plaster to grip into and creates a strong bond with the surface that is being plastered.

BOARD PROTECTOR



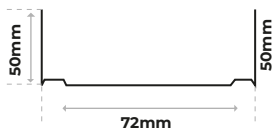
Also known as Board guard and Gypsum guard...

- **Thickness**
0.35mm, 0.4mm
- **Length:**
2700mm upto 6000mm
and we can produce various cut to length sizes

USAGE

The Wall angle is the first component to go into a ceiling sub-structure. It is fixed to the wall and it makes a perfect Levelled Platform for the finished ceiling. It also used to suspend from the Roof, Trusses/ Purlins, or concrete soffits

OTK STUDS

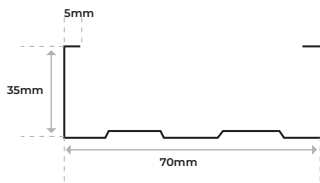


- **Thickness**
0.35mm upto 0.6mm
- **Length:**
2700mm upto 6000mm

USAGE

Installed vertically and horizontally in conjunction with the Tracks. It's main purpose is to receive Gypsum boards and to create a straight Surface and a strong sub-structure.

OTK TRACKS



- **Thickness**
0.5mm
- **Length:**
2700mm upto 3000mm
- **Available**
65mm X 30mm & 72mm X 30mm

USAGE

A track is the main component that goes into the Dry wall Partition. It is fixed to the floor, wall and ceilings. Its main Purpose is to create a straight-levelled frame for the partition.

OUR PARTITIONING SYSTEMS



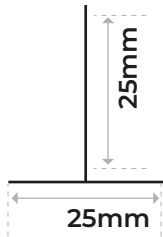
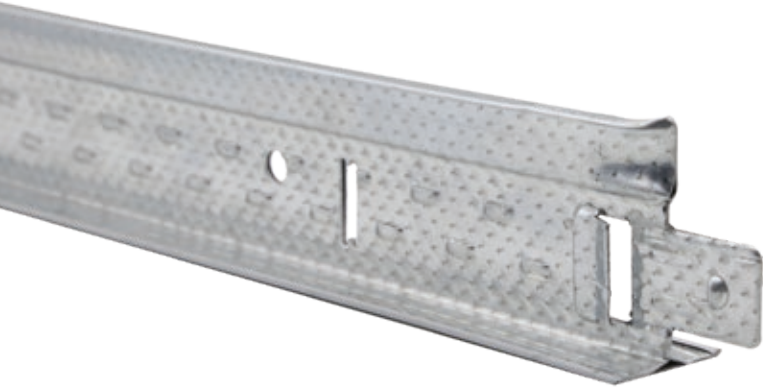
- OTK Profiles are made of steel that is galvanised by zinc (Z100 rating) for indoor use.
- This protects the profiles from red rust.
- OTK profiles are of 0.5mm and 0.6mm thickness, which have high structural integrity and can achieve high sound and fire-resistance performance.



SUSPENDED CEILING CHANNELS

(Lay in Suspended ceiling)

OTK MAIN TEE



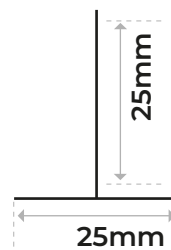
Also known as Main Runner

- **Length:** 3600mm
- **Available**
30mm x 25mm

USAGE

It is made of GI steel with aluminium capping used as the main support of the system. It joins the Cross tee through the interlock system

OTK CROSS TEE



- **Thickness**
0.5mm
- 1200mm upto 600mm
- **Available**
25mm x 24mm

USAGE

It is made of GI steel with aluminium capping that interlocks with the Main tees to form diagrid Bays

OTK PP WALL ANGLE

(Pre-Painted)



L SHAPED

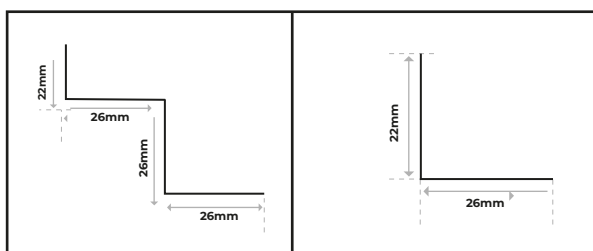
- 3000mm upto 3600mm and we can produce various cut to length sizes
- **Available**
22mm X 26mm

USAGE

It is made of Pre-painted aluminium coils. It is fixed to the wall and it dictates the height of the ceiling

W SHAPED

- 3000mm upto 3600mm and we can produce various cut to length sizes
- **Available**
22mm X 26mm





**OTK THE
SOLUTION**

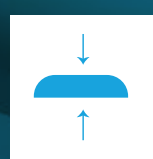
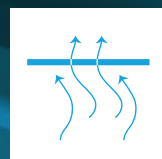




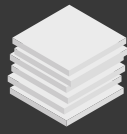
WE ARE THE SOLUTION

OTK is a trader and provider of Multi elite quality finishing materials. Our finishing solution addresses Ceiling, Dry Walls, Flooring Plastering and Painting solutions. We offer you products of Certifications and special features. Products and brands based on high properties, quality, performance, functionality, Safety and service.

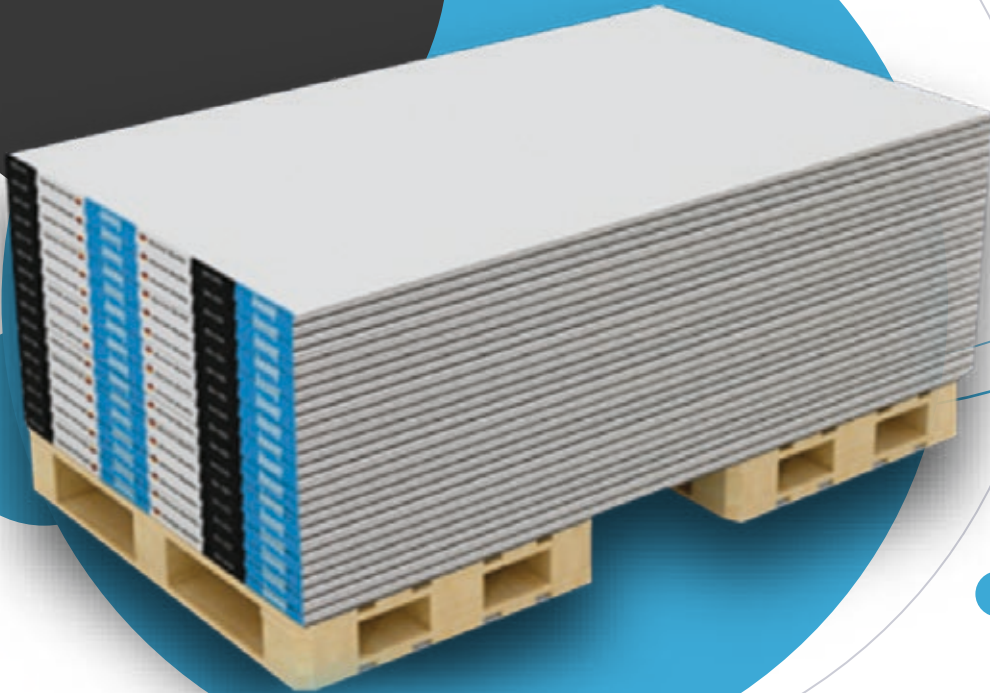




OUR GYPSUM BOARDS



Regular Gypsum Board



OTK Regular Gypsum Board are gypsum based wallboards whose front and back surfaces, and long edges, are sandwiched in a board liner. OTK Regular Gypsum Board comply fully with the requirements of DIN 18180-GKB, EN520-Type A Gypsum Wallboard.

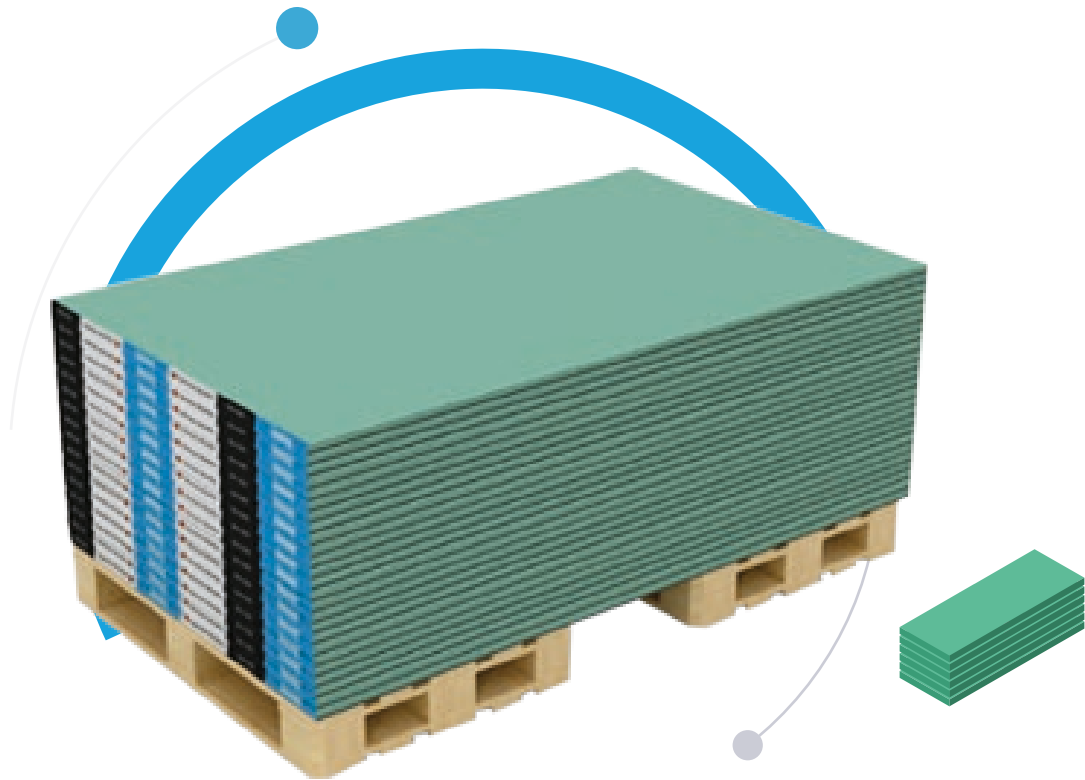
Fields of Application:

OTK Regular Gypsum Boards are an essential for standard lightweight drywall constructions and are used as the cladding component for:

- Drywall partitions using metal frames
- Suspended ceilings using metal frames
- Furring and wall linings
- Prefabricated building units

Properties: Light weight constructions
Easy, fast and dry application
Good sound insulation performance
Environmental friendly
Limitless design options
Board Dimensions: Thickness: 6.5 / 9.5 / 12.5 / 15 mm
Width: 1200mm
Length: 2400 / 3000 mm*
Special sizes are also available upon

request.
Board Weights: 12.5mm ~ 10kg/m² 15mm ~ 13 kg/m²
Appearance: Ivory / Green Paper Liner
Edge Detail: Taper Edge (TE) Square Edge (SE)



Moisture Resistant Gypsum Board

Moisture Resistant Gypsum Board (MR) is gypsum wallboards manufactured specifically to use in areas exposed to moisture and humidity.

Fields of Application:

Knauf Moisture Resistant Gypsum Boards (MR) are high performance gypsum boards used as the cladding component of drywall constructions in humid areas such as:

- Partition or Ceilings of Kitchens/Bathrooms
- Wall Linings/Furrings in Kitchens/Bathrooms
- Partitions with tiled finish requirements
- Any internal area which is exposed to humidity

Properties: Lightweight constructions Easy, fast and dry application Good sound insulation performance Hydrophobic boards impregnated against absorption of moisture A material that breathes and balances room climate and humidity levels Environmental friendly Limitless design options

Board Dimensions: Thickness: 9.5 / 12.5 / 15 mm

Width: 1200 mm **Length:** 2400 / 3000 mm* Special sizes are also available upon request.

Board Weights: 12.5mm ~ 10 kg/m² 15mm ~ 12.2 kg/m²

Surface Water Absorption: EN520 Less than 180g/m²

Total Water Absorption: EN520 Less than 5%

Appearance: Green Paper Liner

Edge Detail: Taper Edge (TE) Square Edge (SE) **Asbestos content:** None

Board Type: EN520 – Type H1

Fire Resistant Gypsum Board are gypsum based wallboards whose core is reinforced with fiber glass for fire resistance. They comply fully with the requirements of DIN18180-GKF, EN520-Type DF.

Fields of Application:

Our Fire Resistant Gypsum Board are used as the cladding component of drywall constructions such as:

- Fire rated partitions using metal frames
- Fire rated suspended ceilings using metal frames
- Fire rated furring and wall linings
- Any internal area which is exposed to humidity

Know More:

Fire resistant gypsum boards are just part of a complete fire rated assembly. To achieve a certain fire rating on a Knauf drywall assembly, the complete system components from Knauf has to be used and the assembly has to be installed according to Knauf's installation guidelines.

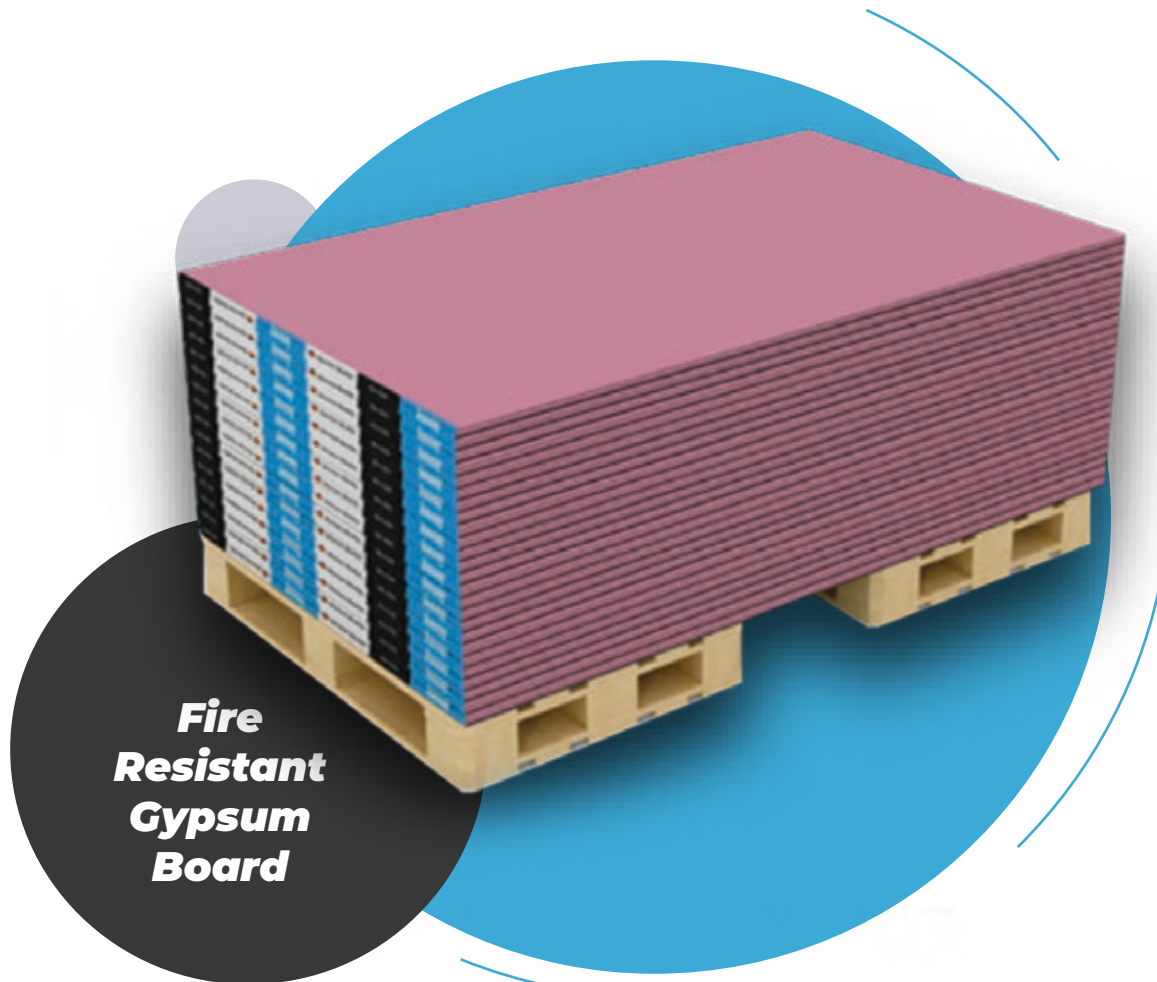
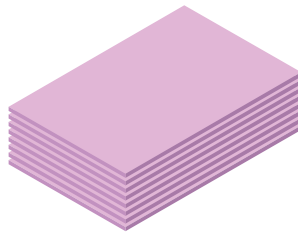
Properties: Lightweight constructions Easy, fast and dry application Good sound insulation performance Best fire insulation performance Environmental friendly Limitless design options

Board Dimensions: Thickness: 9.5 / 12.5 / 15 mm Width: 1200 mm Length: 2400 / 3000 mm* Special sizes are also available upon request.

Board Weights: 12.5mm ~ 10 kg/m² 15mm ~ 13 kg/m²

Edge Detail: Taper Edge (TE) Square Edge (SE)

Board Type: EN520 – Type DF



Fibre cement as an exterior cladding material is used as an alternative to wood cladding and PVC or vinyl as it is very durable and low maintenance, compared to other cladding materials. Fibre cement cladding is very durable because it is water resistant and does not rot, warp or crack. It is also resistant to termites, woodpeckers and other pests. In addition, fibre cement cladding is a fire resistant building material and will not ignite when exposed to direct flame or extreme heat: it is a non-combustible material. Fibre cement cladding is easy to work with and to install, and the appropriate tools allow for an easier one person installation.

Available Ceiling tiles

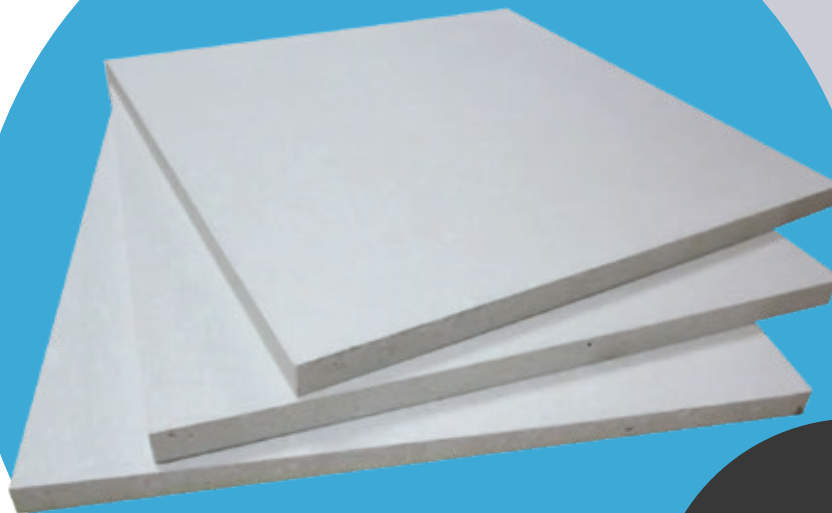
We have Boards, Barge boards, Fascia, and Joiners

Fields of Application:

- Internal / External Walls.
- Internal Wall linings.
- False Ceilings etc.

Available sizes:

- 4mm up to 12mm



**Cement
Fibre
Boards**



PERFORATED GYPSUM CEILING

If the neighbour is too loud, the ceilings and party walls between living areas can be acoustically upgraded, and should the sound of traffic on the street be too loud, the window can be closed. But what do you do if the sound-source is in the room where you are. This is where room acoustics comes into play. The term noise is simply too general. Within a room it is not just

the reduction of the noise level created by the colleagues, making the carefree uproar of children in the kindergarden easier to withstand or to reduce the noise emissions of machines during operation. For some rooms it is necessary to direct the sound to achieve the desired effect.

In auditoria, for example, the primary concern is to provide all of the occupants with sufficient sound energy to ensure that the spoken word can be understood in the furthest away row without any loss in the intelligibility of voices.

Particularly in respect of the architectural trends towards smooth surfaces such as fair-faced concrete, glass and purist furnishing, the requirement for knowledge regarding the necessity of room acoustics is very significant

- Poor room acoustics can cause a whole range of problems with a diverse range of room usages.
- Sound reflection interference with negative effects on the intelligibility of voices impair the ability to concentrate with verbal presentations.
- Poor provision with primary sound at voice-based events and the loss of comprehension of word and speech leads to agitation and a "background murmur" of those present.
- Superposition of conversations involving several speakers leads to poor room acoustics and to the acoustic quality becoming indistinct, and to an increase in speech volume creating a further worsening of this effect
- No or insufficient consideration of the acoustic quality of the room lead to a higher noise level in enclosed areas and subsequently to:
 - Increased demands on the cognitive processes
 - Simply to less reduction in the noise level, even at extended distances
 - Aural (hearing-related or auditory) and extra-auditory (effects of noise on the psyche and organism unrelated to hearing) damage

THE ACOUSTIC CHANNEL



- Good sound absorption
- Excellent sound attenuation (24 mm thickness: 41 dB - 30 mm thickness: 43dB)
- Excellent light reflectance (88%)
- ISO 4
- Ideal for offices, meeting rooms and learning application corridors



SUSPENDED CEILING TILES



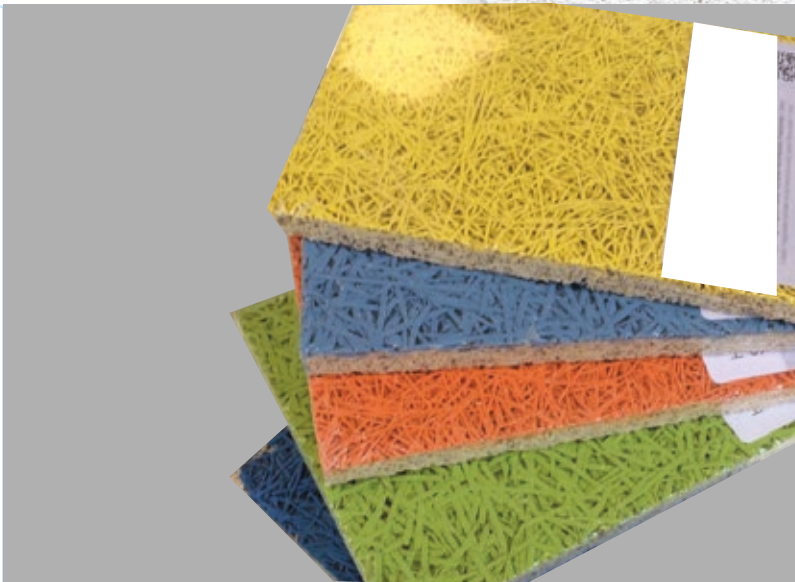
Vinyl Gypsum Ceiling tiles

- Plain white, Shell white, Fissured and Black tiles
- **Size:** 600 x 600 mm / 600 x 1200mm
- **Thickness:** 9 mm, 12.5mm and 15 mm



Mineral Fiber acoustic ceiling tiles

- perforated gypsum boards
- size: 600 x 1200 mm
- Thickness: 12.5mm
- High acoustic properties for walls and ceilings

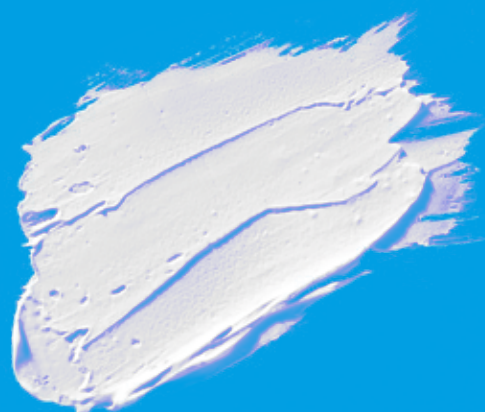


Wood wool Acoustic Panel

- T-grid suspended profiles
- **Size:** 600 x 600/1200mm
- **Thickness:** >15mm
- High acoustic properties
- Variety of applications, e.g wet areas, clean rooms, theatre walls, etc.



DRY CONSTRUCTION MIXTURES





FINISH BORA

Finish Bora is an interior skimming compound that is easy to apply and results in a smooth even finish

- Mix only with water, even on second coat
- Less waste (over 12 hours in the bucket)
- Good Adhesion/bonding to walls
- Satin, smooth and white finish



JOINT BORA

Joint Bora is a gypsum-based plaster that offers seamless and crack-resistant joints.

- Low shrinkage
- Very good bonding and elasticity
- Smooth, white finish
- Mix only with water
- Quick drying



COVE BOND

Excellent Adhesion
25 Kg



CRACK FILLER

Weather Resistant
filler for preparing
interior and exterior cracks
12 Kg



GYPNUM PLASTER

Superior surface finish
40kg



DECORATIVE PLASTER

40kg



STENGTH TILE ADHESIVE

25Kg



WATERPROOF

25Kg



SCREWS AND ACCESORIES

OK CEILING
SOLUTIONS

Accessories

DRY WALL SCREWS

Black phosphate self-drilling and self-tapping screws with countersunk Phillips heads for fixing plasterboard to framing. The fasteners are used on steel up to 0.7mm thick



SELF TAPPING SCREWS (SELF DRILL SCREWS)

AQUAPANEL Maxi Screw SN has been specially developed for fixing AQUAPANEL Cement Board to timber and metal frameworks (metal thickness from 0.6 to 0.7mm, these screws have a needle point and countersunk head



CONCRETE STEEL NAILS

The Steel nails we supply are made out of type 304 stainless steel are made with chromium and nickel and are only rust-resistant.

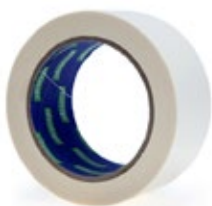


FISHER SCREWS 600mm

fischer offers a wide range of high-quality screws for professional users in interior fittings and the drywall sectors.



ACCESSORIES



Rhino Tape

Our Rhino Tape has hundreds of uses around the home, garden, garage, workplace etc. Rhino tape is suitable for exterior or interior uses. warranty. 1-year.



Metal Tape

For sealing outer walls, gaps around sinks, etc. For waterproofing and repairs of galvanized metal roofs, corrugated sheet metal, metal roofs, exterior walls, etc. For repairing air-conditioning ducts. Heat resistant aluminum tape that uses silicone adhesive with excellent heat resistance.



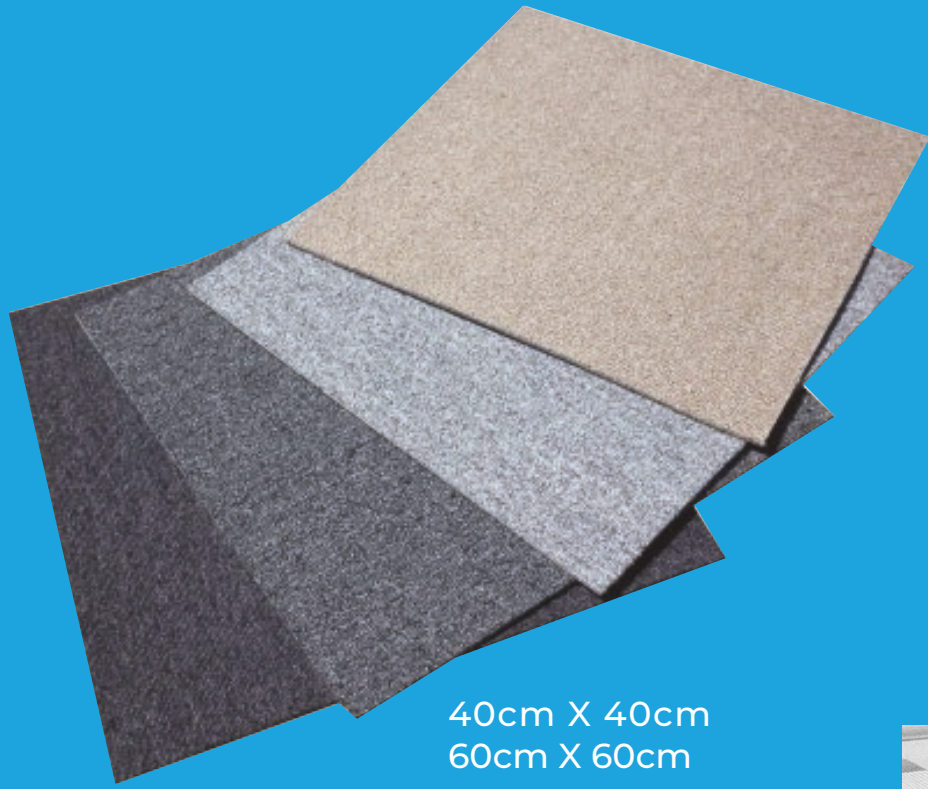
Paper Tape

Paper tape is widely used for color separation and painting made by hand or by spray, furniture making, automobile, and aircraft painting, appliance manufacturing, decorative glass making, powder coating, plating, and sand-blasting.

A modern office interior featuring glass walls and a blue reception desk. The floor is covered in a patterned carpet tile. The text "CARPET TILES (vinyl floor tiles)" is overlaid on the image.

CARPET TILES

(vinyl floor
tiles)



40cm X 40cm
60cm X 60cm

the carpet tiles we offer are accessible, self-serve flooring option that home owners could easily install themselves.

In addition to the convenience of carpet tiles, there are limitless combinations of fun designs available, making them perfect for simply adding vibrancy to a space.

ADVANTAGES

- Easy to Install
- Durability
- Used for anti-bacteria purposes
- Reusable and Sustainable



SOUND INSULATION



This type of sound insulation is a type of foam that is used for insulation in ceilings, walls, studios, industrial factories, cinemas, etc. These foams can absorb a wide range of high frequency sound and prevent it from returning. When sound-proofing is your goal, your best options out there are **fiberglass insulation** and **blown-in cellulose insulation**. Both materials are incredibly good at their jobs; they insulate incredibly well but also have the coveted noise-reducing properties that many homeowners are seeking. others include:

- Acoustic Membrane.
- Acoustic Mineral Wool Cavity Insulation.
- Fibreglass.
- Resilient Channels.
- Acoustic Hangers (Mounts)

HEAT INSULATION

They are essential in the control of indoor environmental conditions thereby reducing the operational energy load of buildings. Insulation enhances the thermal performance of the building envelope by reducing heat gain in hot weather and heat loss in cold weather thereby limiting the need for cooling and heating. Types include:

- Cellulose
- fiberglass
- mineral (rock or slag) wool
- Bubble Wrap
- Mineral Wool Insulation.
- Foam Insulation.



OTK the Academy



OUR ACADEMY

With OTK Academy we are building a community of knowledge, expertise and professionalism. We are empowering our society with the knowledge of the use of our innovative OTK channels and light steel frames as an alternative solution to timber in construction. We offer technical advice, to all customers, whether individuals, carpenters or contractors.

Our EVEYINCH team offers training programs that focus on current developments in technology, approaches, and methods in the finishing world.





OUR WORKS

OUR WORK





WE SUPPLY AND FIT

We have been dedicated to standard supply and fit of ceiling materials and take pride in being the first in Zambia, we have done such and still doing this for :



- SCHOOLS AND UNIVERSITIES
- RELIGIOUS ORGANISATIONS
- SHOP FITTINGS
- FILLING STATIONS
- HOSPITALS AND CLINICS
- DOMESTIC USE (HOMES)
- RECEPTION



OUR CLIENTS

- NORTHRISE UNIVERSITY
- LUSAKA OAKTREE
- MULUNGUSHI UNIVERSITY
- UCZ (UNITED CHURCH OF ZAMBIA)
- TERBANACLE OF DAVID
- MIRACLE LIFE CHURCH
- GRACE ACHEIVERS CHURCH
- SDA(SEVENTH DAY ADVENTIST CHURCH



- MAKENI ISLAMIC
- UFUDU MALL
- EAST PARK MALL
- MUKUBA MALL
- ZAF(ZAMBIA AIR FORCE
- ZNS(ZAMBIA NATIONAL SERVICE)
- ZAMBIA ARMY
- KEG AND HIPPO
- MUG N BEAN
- ZESCO (ZAMBIA ELECRCITY SUPPLY CO-OPERATION
- MULUNGUSHI CONFERENCE CENTER



WWW.OTK.COM.ZM

+26 0972 000 001/3/8
Info@otk.com.zm

S/D 11 Plot No. 397a Chipwenupwenu,
Lusaka-Zambia
www.otk.com.zm



Your 'fifth wall' solution

